CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Roads, California, plan expending $53,800,000 during 1929 and 1930.

Sewers, Chicago, Ill., City and Sanitary Dist., $28,000,000.

Sewers, Louisville, Ky., election Nov. 6, $10,000,000.

Bridges, Texas, Bemis Co., $6,000,000.

Dam, Johnson City, Tenn., Tennessee Eastern Electric Co., c/o Cities Service Co., New York, plans, $5,000,000 to $6,000,000.

Clubhouse, etc., Phila., Pa., Manufacturers Club, $5,000,000.

Bridge, Evansville, Ind., Hy. Dpts. of Indiana and Kentucky, $4,000,000.

Sewers, Chicago, Ill., Sanitary Dist., surveys, $4,000,000.

Bridge, Vancouver, B. C., plans, $3,000,000-$3,500,000.

Court house, etc., Birmingham, Ala., Jefferson Co., soon takes bids $3,000,000.

Exchange, Bridgeport, Conn., Southern New England Telephone Co., New Haven, soon lets contract $3,000,000.

Plant, Birmingham, Ala., Gulf States Steel Co., plans, to exceed $3,000,000.

Bridge, Seattle, Wash., Puget Sound Bridge & Dredging Co., $3,000,000.

Office, San Francisco, Calif., Shell Co. of California, $2,000,000.

Hydro-electric system, El Centro, Calif., Imperial Irrigation Dist., plans election $1,700,000.

Club and apartment, Chicago, Ill., H. E. Foster, $1,500,000.

Armory, Jersey City, N. J., State Military Bd., Trenton, $1,500,000.

Y. M. C. A., New York, N. Y., plans, $1,500,000.

Excavation, Donna, Tex., Irrigation Dist., election soon, $1,350,000.

Excavation, etc., Placerville, Calif., El Dorado Irrigation Dist., $1,300,000.

Waterworks, Bloomington, Ill., Citizens Water Supply, Inc., c/o Clerk, soon takes bids, $1,200,000.

Court house, Media, Pa., Delaware Co., takes bids probably in November, $1,125,000.

Bids Desired

Hospital, New York, N. Y., Italian Benevolent Institute, takes bids about Dec. 1, $2,000,000.

Hospital, Essondale, B. C., Nov. 12, by Deputy Minister, Provincial Govt., Victoria, $1,600,000.

High school, Brighton (sta. Boston), Mass., Nov. 15, by City of Boston, $1,539,000.

College, Detroit, Mich., Nov. 1, by U. Frundt, chn. building com., c/o Duns Scotus, Franciscan Fathers, St. Clements Monastery, Cincinnati, O., $1,000,000.

Office, etc., Kalamazoo, Mich., Nov. 1, by Weary & Alford, archts., Chicago, Ill., for owners, $1,000,000.

Warehouse, etc., Jersey City, N. J., Oct. 30, by Delaware, Lackawanna & Western R.R. Co., New York City, $1,000,000.

Public Bond Elections, coming and decided, are listed on Construction News page 222.

Bids Received

Subway, New York, N. Y., Bd. Transportation, Sect. 4, Route 106, from Slattery Daino Contg. Co., $5,232,000.

Contracts Awarded

Office, New York, N. Y., W. P. Chrysler, to Fred T. Ley, est. $12,000,000.

Office and stores, New York, N. Y., Madison 52nd Street Corp., to Dwight P. Robinson Co., to exceed $10,000,000.

Steam power plant, Seattle, Wash., Puget Sound Power & Light Co. (1st unit), to Stone & Webster, $5,000,000, total $25,000,000.

Hospital, Orangeburg, N. Y., Dpt. Mental Hygiene, Albany, to Niewenhous Co., New York, $4,199,000.

Offices, Wash., D. C., W. B. Wood, archt., to Consolidated Eng. Co., Baltimore, Md., for Southern Railway Co., est. $2,000,000.

Life science, Berkeley, Calif., Regents University of California to Dinwiddie Constr. Co., San Francisco for University of California, $1,186,395.

Office and theatre, Evansville, Ind., Syndicate forming, c/o A. Phelps, separate contracts, $1,500,000.

High school, Oak Park, Ill., Dominican College of Thomas Aquinas, to F. A. O'Hare, Chicago, est. $1,000,000.

Bank and office, Battle Creek, Mich., City Natl. Bank, to Fridstein & Co., Chicago, Ill., est. $1,000,000.

Club, New York, N. Y., Junior League of New York, to G. A. Fuller Co., $1,000,000.

Theatre, etc., San Diego, Calif., Gildred Bros., c/o archts., to Simpson Constr. Co., Los Angeles, $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

Mass., Lynn—City, T. J. Heath, comr. Water Supply, City Hall, reconstructing 1 story, brick, pumping station, installing new machinery, Walnut St. $15,000 or more. H. A. Symonds, 70 State St., Boston, engr.

Ind., Laurel—W. E. Emsminger, chn. Town Bd., bids in January, waterworks. Municipal Eng. Co., 413½ Wabash Ave., Terre Haute, engrs.

Ill., Bloomington—Citizens Water Supply, Inc., c/o City Clerk, soon takes bids impounding Money Creek water 13 mi. northeast of city, pipe line connecting with present distribution system, reservoir. $1,200,000.

Ia., Denison—Soon takes bids, 50 x 80 ft., brick, concrete building, settling tank, aerator, filter, 3,500 ft. 8 and 10 in. pipe. $20,000. Rohrbough Eng. Co., 721 Omaha Loan & Building Assn. Bldg., Omaha, Neb., engrs. Noted Oct. 18.

Ark., Star City—Preliminary plans extending waterworks, incl. fire hydrants. $30,000.

Tex., Sanderson—See "Unclassified."

Okla., Mangum—W. C. Roberts, city clk., rejected bids Oct. 2, new water softening plant, coagulation basins. $46,500. Noted Sept. 20.

Bids Desired

N. Y., Stamford—Nov. 14, Bd. Village Trustees, at office Village Clerk, 2.5 mi. 10 in. supply main, filter building addition, increasing height earth storage dam. Solomon & Keis, 257 Bway., Troy, consult. engrs.; adv. E. N.-R. Oct. 25.

N. J., New Brunswick—Oct. 30, by City Comrs., 1,000 ft. 12 in. pipe with special castings. A. Atkinson, New Brunswick, engr.

Mich., Detroit—Nov. 14, by Bd. Water Comrs., 735 Randolph St., substructure, connecting structures of auxiliary low-lift pumping plant at Water Works Park. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Oct. 25.

S. D., Elk Point—Oct. 30, by M. R. Hendrix, city aud., 75,000 gal. steel tank, machinery, improving, extending mains. $13,000 bonds voted Oct. 18.

Wyo., Cheyenne—Nov. 15, by Dpt. Water, extending waterworks, incl. North Crow Dam, earth and rock fill. F. M. Howard, city clk.; adv. E. N.-R. Oct. 25. Noted May 17.

Tex., Beaumont — See "Contracts Awarded."

Contracts Awarded

N. Y., Brooklyn—J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Avenues K, S, to Draganetti Contg. Co., 711 East 228th St., New York, $5,420. Noted Oct. 18.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

N. Y., Long Island City — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in 50th Ave., 11th and 12th Sts., to Riverdale Water Works Corp., 1 Riverdale Ave., New York, $24,999. Noted Oct. 18.

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., to Sareno Contg. Co., 1957 Colden Ave., mains in DeReimer, Hobert Sts., $8,035, Harrod St. $5,298, in Colonial, Gerrad Sts. $9,901. Grand total $23,234. Noted Oct. 4.

N. J., Atlantic City—Atlantic City Comn., 3 mi. conduit from Doughty's pond to city pumping station, to J. Cugliotta, Burlington, $80,384.

Pa., Phila. — Dpt. P. Wks., Bureau of Water, Contr. 945, to P. and A. J. Ellis, 4th and Wyoming Sts., $62,448; Contr. 946, to M. and J. B. McHugh, 892 North Markoe St., $74,427; and Contr. 947, to Keystone Mchy. & Equipment Co., Widener Bldg., $15,385. Grand total $152,260.

Md., Towson—Comrs. Baltimore Co., mains in Milford, Liberty Heights and Hamilton Aves., Contrs. 20-W and Contr. 21-W, to Metropolitan Contg. Co., 210 Highland Ave., Baltimore, $17,648. Noted Sept. 13.

O., Columbus—Bd. Control, H. C. Cain, secy., 5,700 ft. c.i. pipe, supplies, to U. S. C. I. Pipe Co., Burlington, N. J., $34,555; valves, to Rensselaer Valve Co., Ontario St., Troy, N. Y., $14,738.

Mich., Dearborn — W. Querfield, clk., Dearborn Twp., extening 6, 8 and 12 in. c.i. mains, Contr. 22, to Coolsaet Bros., 7608 Williamson St., $71,515.

Mich., Royal Oak (Ind. br. Detroit)—R. B. Fleming, city clk., 2 motor. driven centrifugal pumping units in booster station at Eight Mile Rd. and Livernois Ave., to Worthington Pump & Mchy. Co., 2 Park Ave., New York, $11,520. Noted Aug. 2.

Tex., Beaumont—Improving waterworks, incl. 5,000 lin.ft. 6 and 8 in. c.i. mains, day labor. $28,000. R. G. Black, city engr.

Tex., Mt. Vernon—W. J. Moore, mayor, improving waterworks, incl. 20,835 lin.ft. 6 and 8 in. Class 150 c.i. pipe, six 8 in.

See Proposal advertising on page 125

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TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

A satisfied customer for more than 20 years

This one concern has laid more than 100 miles of c. i. bell and spigot water mains with Leadite joints. Working pressures exceeding 200 pounds.

The Pennsylvania Water Company, Wilkinsburg, Pennsylvania, has been a satisfied user of Leadite for over 20 years.

It has laid more than 100 miles of c. i. bell and spigot water mains with Leadite joints; sizes have varied from 4" to 42" in diameter.

It has working pressures up to and exceeding 200 pounds per square inch.

The Pennsylvania Water Company makes a systematic water waste survey of its system each year which shows the tightness of the mains laid underground.

The Pennsylvania Water Company usually lays its pipe with its own forces, but the 20" line, shown in the accompanying picture, was laid by a contractor and with most excellent results.

This line was tested and the leakage on this line ranged from 1/3 to 1/10 of the allowable leakage as ordinarily specified.

Mr. W. C. Hawley is Chief Engineer and General Superintendent of the Pennsylvania Water Company.

Section of 33,000 feet of 20 in. c. i. bell and spigot water main laid by contractor for the Pennsylvania Water Company. Pressures ranging from 70 pounds to 225 pounds per sq. in.

Specify and use LEADITE —it saves at least 75%

Be sure it is LEADITE and accept no imitations

The pioneer self-caulking material for c.i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . . Land Title Building . . . PHILADELPHIA, PA., U. S. A.

NO CAULKING

Waterworks (Continued)
and nineteen 6 in. gate valves, 32 fire hydrants, pump house and machinery, 50,000 gal. concrete reservoir, to Klein Bros., Mt. Vernon, for City, $32,000. Noted Sept. 20

Colo., Colorado Springs — Broadmoor Hotel Co., c/o S. Penrose, reservoir, 12 m.g. concrete tank, pipe lines, fills, near here. Work under supervision of M. Strong.

Ont., Hamilton—City Council, 12 and 16 in. main in Concession St. $65,000. Work will be done under supervision W. L. McFaul, City Hall, engr.

Sewers

Proposed Work

R. I., Cranston (mail Providence)—City sketches sewerage system. Est. to exceed $25,000. Fay, Spofford & Thorndike, 44 School St., Boston, Mass., engrs.

N. J., Millburn—Twp. Com., Town Hall, storm sewers in streets west of west branch Rahway River. $75,000. E. R. Halsey, 79 Academy St., Newark, twp. engr.

N. J., Union—Twp. Com. sanitary sewer in Kenneth Ave. Section. $35,000. H. Kreh, Falls Bldg., twp. engr.

W. Va., Parkersburg—Soon takes bids 8 and 15 in. sanitary sewers in Sect. B System, south and east of city park. J. V. Dunbar, city engr.

Miss., Meridian—Mayor rejected bids Oct. 2, 132,386 ft. 8- to 15-in. sewers, 361 manholes, 1 m.g.c. concrete filter unit, 750,000 gal. concrete settling basin, rein.-con. clear water basin and filter house. Will readvertise. J. C. Watts, Meridian, engr. Noted Sept. 27.

O., Cincinnati—Hamilton Co., Sewer 47, Dist. 2, 28,578 ft. 8- to 48-in. vitr. clay pipe. $119,739. L. C. Boyatt, Court House, engr.

Ill., Chicago — Sanitary District of Chicago, 910 South Michigan Ave., plans and surveys trunk sewer from Des Plaines to Broadview. $4,000,000. P. J. Crowe, pres.

Ill., Edwardsville—Soon takes bids complete outlet sewerage system, disposal plant, interceptors. $52,464. Sheppard & Morgan, Bank of Edwardsville Bldg., engrs.

Minn., Winona—Sewers and gas mains in 65 blocks. E. E. Chadwick, city engr.

Mo., Ferguson—Preliminary plans relief sewerage system, disposal plant. $150,000. Russell & Axon, 1945 Railway Exch. Bldg., St. Louis, engrs.

Tex., Waco—City, c/o E. E. McAdams, mgr., sewers. $250,000. J. H. Strange, city engr. Noted Aug. 23.

Calif., Compton—City plans 28,320 ft. of 8 to 18 in. sewers, manholes, etc., in East section. G. Rood, city engr.

Calif., Laguna Beach—City plans sanitary sewerage system at Arch Beach. $200,000 or more. A. J. Stead, city engr.

Calif., Sacramento—City, 72 in. sewers North B St. between 7th and 17th Sts. $150,000 or more. S. J. Hart, city engr.

Que., Montreal — City soon takes bids 2,000 ft. trunk sewer at Cartierville. $200,000.

Ont., Sandwich — East Sandwich Twp. Council, extending storm sewers in 3rd Concession Rd. N. S. and S. S., Stanley and Charlotte Sts., $7,923; mains in Buckingham Dr., Clemenceau and Parent Blvds., Arthur and Meighen Rds., Howard Ave. and 4 streets, $56,576. F. G. Belleperche, Tecumseh, engr.

Bids Desired

Mass., Boston—Oct. 26, by Dpt. P. Wks., sewerage system in Dorchester and Roxbury. $25,000. J. H. Sullivan, comr.

N. Y., Brooklyn—Oct. 31, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewer in Glenwood Rd., Highlawn Ave., East 95th, Midwood, West 8th, East 54th Sts.

N. Y., Long Island City—Nov. 1, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., storm sewers, half ultimate capacity in 182nd Pl., 183rd St., Dunkirk, Liberty and 90th Aves.; sanitary sewers in Dunkirk and Liberty Aves., 183rd and 184th Sts. and Peters Round.

N. Y., New York—Nov. 1, by J. Miller, pres. Manhattan Boro, Municipal Bldg., sewer in West St. near Morris St., new outlet sewer under Pier 3, North River.

N. Y., Ithaca—Nov. 8, by Dpt. Educ., Education Bldg., Albany, sewers, water lines at State College of Agriculture; adv. E. N.-R. Oct. 25.

New Jersey—Nov. 5, by Town of Belleville, Bloomfield and Montclair, cities of East Orange, Newark and Orange and Glen Ridge Boro, at City Hall, Newark, constructing Sects. 7 to 12 (inclusive), Contr. A, for supplementary union outlet sewer in 2nd River Valley, Essex Co. A. Potter, 50 Church St., New York, ch. engr.; adv. E. N.-R. Oct. 25.

Miss., Flora—Oct. 30, by Mayor, sewerage system, incl. 35,000 ft. 6- to 10-in. sewer pipe, 48 manholes, 12 standard lampholes, 6 flush tanks, 1 concrete septic tank. H. A. Mentz & Co., Hammond, La., engr. Noted Oct. 11.

Mont., Miles City—Nov. 5, by M. F. Mann, city aud., 53,150 ft. 10- to 36-in. sewers. $150,000. Burns & McDonnell Eng. Co., Interstate Bldg., Kansas City, Mo., engrs. Noted Oct. 18.

Okla., Kingfisher—Oct. 29, by M. Crosthwait, city clk., extending 19,000 ft. 8 in. vitr. clay sewers in Sewer Dist. 11. To exceed $25,000. R. Lindsay, Kingfisher, engr. Noted July 19.

Calif., Los Angeles — Nov. 5, by Bd. Supervs., Los Angeles Co. 6.66 mi. sanitary sewers, water mains. $107,179. W. F. Foster, Klinker Bldg., engr.

Contracts Awarded

Conn., Waterbury—City, 3rd section intercepting sewer in Naugatuck River, to Barbara & D'Aurio Co., 63 Bank St., $167,355. Est. $175,000.

New York—J. A. Burkart, secy. Bd. Sewer Comrs., 22 South Pearl St., Albany, sewage disposal works, sewerage system in Delmar-Elsmere Sewer Dist., to A. DiMarco, 3 South Kenzie Ave., White Plains, $213,507. Noted Sept. 13.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in East 56th St., to F. Vaccaro, 1024 66th St., $2,665; Avenue S, to Manmill Constr. Co., 1780 Pitkin Ave., $2,922; West 9th St., to Del Mel Constr. Co., 7624 15th Ave., $2,389. Grand total $7,976. Noted Sept. 20.

N. J., Lyndhurst (br. Rutherford)—Bd. Town Comrs., Town Hall, rein.-con. storm sewers, to Biachi & Smith, 611 Main Ave. Est. $55,000. Noted June 14.

N. J., Newark — Sewer in Ardsdale Pl. and Oak St., to Cestone & Purdy, 73 Nichols St. Est. $25,000.

N. J., Nutley (br. Newark)—Reinforcement sanitary sewer in Bloomfield Ave., to A. Denello & Co., Hasbrouck Heights, $33,914. Noted July 26.

N. J., Upper Montclair (Ind. br. Montclair)—Essex Co., Court House, Newark, joint drainage system in Upper Montclair Ave. and Valley Rd., to C. DeFazio, 109 Whittlesey St., West Orange, $58,681.

N. J., West Orange—Bd. Town Comrs., Town Hall, storm drains, concrete paving to Petrozzello Bros., 335 Valley St., South Orange, $124,122. Noted Oct. 18.

Pa., Phila. — Dpt. P. Wks., Bureau of Engineering & Surveys, to J. Hastie, 5720 Virginian Rd., branch sewers in Alcott St., $2,679, Longshore St. $10,826, Oxford Ave. $21,702, Rosalie St. $2,460, Rowland Ave. $4,256; to F. Jaffallo, 10 Ryders Ave., Cheltenham, Courtland St. $3,562, Lycoming St. $10,758, Magee St. $12,580, Mifflin St. $2,293, 19th St. $13,418, Orianna St. $2,804, Paschall Ave. $10,695, Smedley St. $7,559. Grand total $105,593.

Pa., Phila.—Dpt. P. Wks., Bureau Engineering & Survey, to F. Di Pasquale, 1215 South 7th St., branch sewer in B St. $4,944, Dickens Ave. $3,962, Erie Ave. $7,870, Frontenac St. $9,542, Guyer Ave. $3,547, to V. Jaffolla, Penn Bldg., Camac St. $7,887, F St. $4,663, to E. F. Bennis, 825 East Washington Lane, Cherokee St. $9,788, Lensen St. $8,153, Thorps Lane and 19th St. $24,226, to P. and A. J. Ellis, 4th and Wyoming Sts., D St. $1,046, to Campellone & Diorio, 3856 North 10th St., Ella St. $2,416, to Alfonso Perna & Son, 752 South 10th St., 53rd St. $4,180, Sheldon St. $12,147, to A. DiSandro & Son, 6400 North 5th St., Gerhard and Houghton Sts. $17,627, Michener Ave. $7,550, Tabor Rd. $8,098, to J. J. McHugh, 1617 Race St., I St. $6,901, Roumfort Ave. $8,058, 13th St. $10,765, to J. and R. Lombardi, Lincoln Bldg., Johnston and Galloway Sts. $44,818, Orianna and Lawrence Sts. $34,960, to J. Moss, 1652 Wakeling St., Pickwick St. $1,007, to E. Ventresco, 6016 Ross St., Upsal St. $10,557; to F. T. Buckins, 4050 Kensington Ave., test pits for Henry Avenue Bridge over Wissahickon Creek $3,060. Grand total $263,076.

Pa., Pittsburgh—Dpt. P. Wks., general contract 15- to 42-in. relief sewer in 2nd Ave., to V. Mennella, 4034 Shady Ave. $28,227. Est. $42,000. Noted Oct. 18.

D. C., Wash.—District Comrs., District Bldg., Dalecarlia Sewer, Sect. 4, to Adams & Marnio, 4th and Cglethrope Sts. N. W., $7,830; McGill Terrace Sewer, to A. McCandlish, 1215 Harvard Ave. N. W.; Davenport Sewer, to G. B. Mullin & Co., 1296 Upsur St. N. W.; Bladensburg Rd. Sewer, to W. F. Brenizer Co., 101 New York Ave. N. E. Noted Aug. 9.

Miss., Meridian—Sewers, to R. T. Myer Constr. Co., City Natl. Bank, $57,000; and Dobson & Humphreys, Omaha, Neb., $40,000.

Miss., Waynesboro—Storm sewerage, paving Front St., to Merrill Constr. Co., Lamar Bldg., Jackson, $28,000.

O., Bay (br. Cleveland)—Sewers in West Ovitt Rd. and Huntmere Ave., to F. Hadded, Fidelity Mortgage Bldg., Cleveland, $19,767; Bradley and Saddler Rds., to Kassouff & Co., 2600 Althen Ave., Cleveland, $21,939.

O., Cleveland—Cuyahoga Co., 6,800 ft. 8- to 36-in. sewers in Impvt. 138, and 300 ft. 8 in. curb connections Impvt. 138, to Ciraci Constr. Co., 3305 Milverton Rd., Cleveland Heights, $21,190 and $6,802 respectively.

Ill., Chicago—City and Sanitary District of Chicago, 910 South Michigan Ave., signed ordinance South Side Sewers, incl. new sewers from lake to Ashland Ave. and from 22nd to 70th Sts., also pumping stations. $28,000,000. R. Wolfe, comr. Bd. Local Impvts. P. J. Crowe, pres. Sanitary Dist.

Ill., Montgomery—Sewers, to Leake Bros., Amboy, $35,720. Est. $40,000. Noted Oct. 4.

Ill., Robinson—Sewage treatment plant, to Christianson Bros., Urbana, $49,316. Est. $56,000. Noted Oct. 4.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to H. Hohensee, 1281 10th Ave., main sewer in Capitol Dr. $11,960, 31st Ave., $1,045; to General Contractors 4728 Lisbon Ave., Capitol Dr. $277, 32nd Ave. $9,193, 36th Ave. $2,329; to Wenze & Henoch, 498 27th St., Cedar St. $19,753 29th Ave. $17,126; to Werner Co., 728 8th Ave., Wauwatosa, Concordia Ave. $14,070, Row through Lot 5 $305; to H. O. Schaeffer, Inc., 752 64th Ave., West Allis, Lisbon Ave. $5,531, Morgan Ave. $9,579; to Zimmermann & Zimmermann, 2826 State St., Locust St. $13,702, North Ave. $2,805, 71st St. $4,033; to E. H. Busse, 4730 Blue Mound Rd., rerouting sewer under 16th Street Viaduct $3,484; to P. & L. Co., 1107 Humboldt Ave., Townsend St. $7,603. Grand total $122,795.

S. D., Highmore—T. H. J. Scott, city aud., 17,000 lin.ft. 8- to 12-in. sewers, to C. Savonell, 2508 Jones St., Sioux City, Ia., $23,000. Est. $30,000. Noted Sept. 20.

Tex., Austin—A. R. Johnson, city mgr., 10,200 ft. storm sewers in Guadelupe St. and Harris Park also 9,350 ft. Comal and Holly Sts., to Janes Contg. Co., 865 Trunk Ave., $74,652 and $102,829 respectively. Noted Sept. 27.

Tex., Dilley—City, c/o R. Busby, mayor, disposal plant, 40,000 6- to 8-in. sewers, to W. G. Davis, c/o North Texas Bldg., Dallas, $33,800. Noted Oct. 4.

Tex., Mt. Vernon—W. J. Moore, mayor, improving sewerage system, incl. 36,000 lin.ft. 6 and 8 in. pipe, 76 manholes, 23 cleanouts, sewage treatment plant, to Klein Bros., Mt. Vernon, for City. $36,000. Noted Sept. 20.

Okla., Hinton—Sanitary sewerage system, disposal plant, to Bensen & Farrar, 102 South 2nd St., Guthrie, $24,110. Est. $25,000. Noted Aug. 9.

Okla., Okeene—S. Fox, city clk., 7 mi. outfall sewers, sanitary sewerage system, disposal plant, Imhoff tank, filter, to F. L. Brown, 410 East Logan St., Guthrie, $43,059. Est. $47,000. Noted Sept. 27.

Okla., Oklahoma City — Eastern Ave. Storm Sewer, to J. D. Mann, Cotton Exch. Bldg., $246,326. Est $320,000.

Calif., Los Angeles—Bd. P. Wks., Sect. 33, North Outfall Sewer to R. A. Watson, 1026 McCadden Pl., $59,244. Noted Sept. 20.

Ont., Windsor—Council, sewers in Memorial Park sub-division, to Colutti Bros., 612 Langlois Ave. $48,000; concrete paving Assumption St., to Premier Constr. Co., 924 Windsor Ave., $10,000, East Erie St., to S. P. West Constr. Co., 51 Victoria Ave., Sandwich, $5,600. Grand total $63,600. Noted Sept. 13.

Ont., Kitchener — S. Shupe, city engr., laying 18,000 ft. 48 in. lock joint concrete sewer, to Nelson River Co., 124 Pears Ave., Toronto, $87,000. Noted Aug. 16.

Ont., Toronto—York Twp., 2 mi. 8 in. and up vitr. tile sewers in Louise Ave., to A. Cavotti, 941 College St., $2,005; in 5 avenues, to J. Formica, 2147 Dufferin St., $21,301, in Humber Blvd. and private drains, to owners by day labor, $5,791. Grand total $29,092.

Bridges

Proposed Work

N. J., Trenton—State Hy. Comn., bridge over Delaware & Raritan Canal, Bakers Basin, near here. $50,000. W. G. Sloan, Trenton, hy. engr.

Ind., Evansville — Hy. Dpts. of Indiana and Kentucky, 3 mi. (incl. approaches) steel, concrete bridge over Ohio River from here to Henderson, Ky. $4,000,000. Modjeski & Masters, 121 East 38th St., New York, consult. engrs. Noted Mar. 10, 1927.

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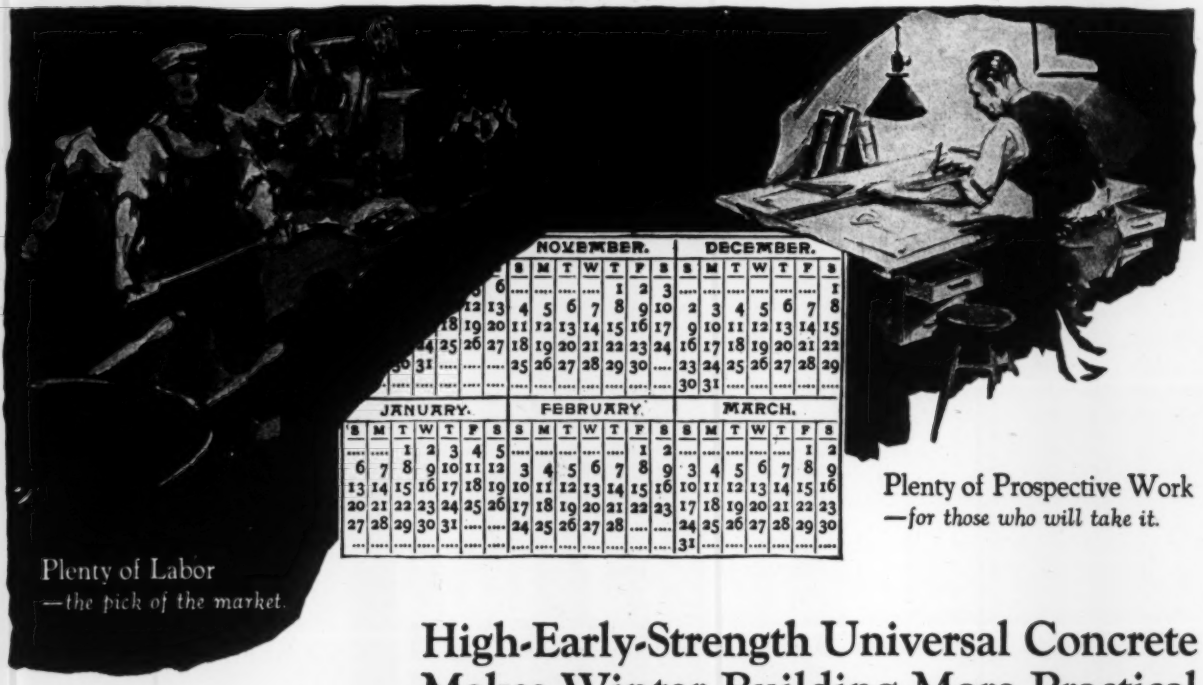
Months of Plenty

Opened to Users of Improved Cold Weather Building Methods



High-Early-Strength Universal Concrete Makes Winter Building More Practical

1. *Shortens time of protection against freezing*

Because *High-Early-Strength* Universal Concrete is as strong in 3 days as ordinary concrete is in 28 days, the time during which it must be protected against freezing is shortened and the number of times a given set of forms may be used is correspondingly increased.

2. *Makes permanently stronger cold-weather concrete*

When placed and cured according to approved methods, *High-Early-Strength* Universal Concrete is permanently stronger than ordinary concrete. A booklet giving details on placing and curing concrete in cold weather will be sent on request.

3. *Assures more durable concrete in winter as in summer*

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Concrete for Permanence

Bridges—(Continued)

Mo., St. Louis—Bd. P. Serv., City Hall, soon takes bids 250 ft. rein.-con. viaduct, 60 ft., to carry Morganford Ave. over River Des Peres, $110,000; 250 ft. rein.-con. bridge, 80 ft., to carry Lansdowne Ave. over River DesPeres, $118,000. L. R. Bowen, City Hall, engr. Noted Oct. 11.

Texas — Bemis Co., engrs., c/o W. C. Bemis, 332 South Michigan Ave., Chicago, Ill., preliminary plans 2 toll bridges from Morgans Point to Evergreen on mainland near Goose Creek; 2 mi. bridge from mainland near Evergreen to end of Atkinson Ave. bridge 35 ft. above channel from point near Evergreen to Morgans Point near Mainland. $6,000,000.

Texas—G. Gilchrist, state hy. engr., Austin, received no bids Oct. 15, timber bridge on Hy. 8, Panola Co. $72,000. D. K. Caldwell, Carthage, co. engr. Noted Oct. 4.

Colo., Lamar—State Hy. Dept., Denver, soon takes bids 1,200 ft. bridge across Arkansas River. $250,000. J. D. Bell, c/o owner, div. engr.

Wash., Seattle — Puget Sound Bridge & Dredging Co., Central Bldg., rein.-con. bridge with 150 ft. central draw span over Lake Washington connecting mainland with Sewer Park and Mercer Island. $3,000,000.

Calif., Modesto—Stanislaus Co. preliminary plans 200 ft. steel span bridge with concrete approaches over San Juaquin River near Mountain View school. $180,000. J. H. Hoskins, Modesto, co. engr.

Ont., Toronto — Toronto Transportation Comn., Front and Yonge Sts., D. W. Harvey, ch. engr., two concrete, structural steel bridges over Humber River and Mimico Creek in connection with double tracking radial line between Toronto and Port Credit. $1,000,000.

B. C., Vancouver — City Council preliminary plans Barrard St. bridge over False Creek. $3,000,000-$3,500,000. J. R. Grant, 1202 Bekins Bldg., 500 Beatty St., engr.

Bids Desired

Mass., Reading—Nov. 1, by Bd. P. Wks., Municipal Bldg., timber bridge over Boston & Albany R.R. on Mineral St. Morse & Dickinson, 11 Beacon St., Boston, engrs.

N. Y., St. George — Oct. 31, by J. A. Lynch, pres. Richmond Boro, Boro Hall, replacing bridges over Palmers Run, on Houghwout and Barrett Aves., Richmond Boro.

N. J., Kearny (sta. Arlington)—Bd. Town Council, Town Hall, bids about Dec. 1, rein.-con. viaduct, Bergen Ave. $500,000. Kreiner, Taylor & Scrimshaw, 790 Broad St., Newark, assoc. engrs. Noted June 28.

N. J., Perth Amboy—Nov. 13, by State Hy. Comn., Trenton, reconstructing roadway deck, part sidewalk deck of Convery Pl. Bridge over Lehigh Valley R.R., on Route 4, (1927), Middlesex Co. A. L. Grover, ch. clk.; adv. E. N.-R. Oct. 25.

N. C., Greensboro — Oct. 30, by P. C. Painter, city mgr., 2 rein.-con. bridges, 195 cu.yd. rein.-con. culvert.

Fla., St. Petersburg — See "Contracts Awarded."

Kentucky—Nov. 30, by State Hy. Dpt., Frankfort, two 24 ft. rein.-con. deck girder spans or one 75 ft. steel plate girder span bridge with rein.-con. piers, abutments at Stearns, F. A. 170 B. B., McCreary Co.; two 120 ft. steel span bridge with wooden flooring, concrete piers, abutments over Beech Fork Creek, S. P. 206 A. B., Nelson Co. J. S. Watkins, hy. engr.

Iowa — Oct. 30, by State Hy. Comn., Ames, 60 x 20 ft. plate girder bridge with two 5 ft. sidewalks, in Wyoming, B-209, Jones Co.—160 x 20 ft. high truss bridge with eight 40 ft. I-beam approach spans over South Skunk River near Sigourney, B-246, Keokuk Co.—130 x 20 ft. high truss bridge with two 40 x 20 ft. I-beam approaches near Knoxville, B-584, Marion Co. —15 box culverts near New Hampton, B-601, Chickasaw Co.—5 box culverts near Dallas, B-250, Dallas Co.—1 box culvert near Arnolds Park, B-23, Dickinson Co.—4 box culverts near Malvern, B-605, Mills Co.—10 box culverts near Corydon, Wayne Co. R. F. White, hy. comr.

Kan., Eureka—Oct. 31, by Clerk Greenwood Co., two 35 ft. deck girder, and one 90 ft. concrete arch span bridge, Project 11-10-K-672. E. Christian, co. engr.

Kan., Ft. Scott—Oct. 29, at office W. I. West, clk. Bourbon Co., three 25 ft. span deck girder bridge, 20 ft. roadway, Project 39-10-K. 712. H. C. McCurley, Ft. Scott, co. engr.

Tex., Albany—Oct. 30, by Comrs. Shackelford Co., steel, concrete vehicular bridge across Hubbard Creek. $70,000. J. E. Pirle, Albany, co. engr.

Tex., Waco—City, c/o E. E. McAdams, mgr., bids about Nov. 1, timber, concrete, steel bridges. $190,000. J. H. Strange, city engr. Noted Aug. 16.

Calif., Ventura — Nov. 7, by Supervs. Ventura Co., rein.-con. culvert with earth fill approaches, improving Foothill Rd. C. W. Petit, Ventura, co. surv.

Contracts Awarded

N. J., Kearny (sta. Arlington) — Town Council, Town Hall, rein.-con. bridge over right-of-way Greenwood Lake Div., on Chestnut St., to Mahlon Averell Co., 222 Clinton Ave., Newark, $114,121. Noted Oct. 4.

Maryland — State Roads Comn., Baltimore, 2 rein.-con. slab bridges, Contrs. Ch 52 and 53, to De Luca Contg. Co., Dundalk, $13,375; double span rein.-con. girder bridge, Contr. Ch-54, to Southern Maryland Contg. Co., 12 East Lexington St., Baltimore, $8,285, all in Charles Co. Noted Oct. 4.

North Carolina—See "Streets and Roads."

South Carolina—State Hy. Dpt., Columbia, rein.-con. bridge on Federal Aid Project 277, Richland Co., to Hardaway Constr. Co., Columbia, $263,523; bridge on Federal Aid Project 285A, Anderson Co., to Southern Concrete Products, Anderson, $33,520. Noted Jan. 26 and May 17.

Fla., St. Petersburg—C. P. Snell, 214½ ft. concrete, steel double lift bascule span bridge over Snell Isle, day labor. $100,000. E. Nordstrom, Snell Isle, St. Petersburg, engr.

Tenn., Smokey Junction (mail Smokey) —Rein.-con. arch bridge over New River, to Steel & Lebby, Holston Bank Bldg., Knoxville.

O., Dayton—Montgomery Co., rein.-con. viaduct over railroad crossing on Dixie Hy., small rein.-con. bridge over creek, to Price Bros. Co., Harries Bldg., $124,310. Est. $233,000.

O., Uhrichsville — Tuscarawas Co., New Philadelphia, bridge on Eastport Ave., to Roberts Supply Co., Canton, $25,146. Est. $28,128.

Mich., Grand Rapids — One 90 ft. span concrete girder bridge, 25 ft. roadway, with sidewalks, retaining walls at approaches, to G. P. Scharl, Ionia Ave., $155,600.

Wisconsin—State Hy. Comn., Madison, Nuttleman-Overhead Bridge, Project 5950, La Crosse Co., to C. W. Noble, La Crosse, $33,015.

Wisconsin—See "Streets and Roads."

Kan., Larned—Pawnee Co., ten 45 ft. and two 45 ft. deck girder bridges, Federal Aid Project 218-B to Tomilson Bridge & Supply Co., Garfield, $67,235. Noted Oct. 11.

Missouri—State Hy. Comn., Jefferson City, to Bertman & Menefee, Sedalia, bridges over Missouri Pacific R.R., $11,081; over Missouri-Kansas-Texas R.R. $9,139; over Thomas Creek $7,627, Cooper Co.—to L. Gray, St. Louis, over Wyconda River $21,575; Forman Branch $8,703, Scotland Co.—to Fritzlen, Hufford, Vermillion, Kansas City, over Cold Water Creek $14,900; over Chicago, Burlington & Quincy R.R., $43,525, St. Louis Co.—to Carte-Harlin Constr. Co., West Plains, over Warm Fork Creek, Oregon Co., $18,115—to Stigall Constr. Co., Springfield, over Dry Fork Creek, Christian Co. $6,595—to Excelsior Springs Constr. Co., Excelsior Springs, Audrain Co. $11,123—to W. W. Cosley, Liberty, special double 12.5 x 10 ft. box culvert over Wakenda Creek, Carroll Co. $3,601. Grand total $155,984. Noted Sept. 6.

Missouri—State Hy. Comn., Jefferson City, bridge on Project 286-B, Greene Co., to M. E. Gillioz, Monett, $47,301.

Tex., San Antonio—City, c/o C. M. Chambers, mayor, rein.-con. bridge over San Antonio River, 9th St., to Sumner Sollitt Co., 609 Natl. Bank of Commerce Bldg., $27,287.

Tex., Zapata—B. & P. Bridge Co., c/o A. Y. Baker, Edinburg, 1,100 ft. steel, concrete pedestrian and vehicular bridge across Rio Grande River, to G. E. Cole, Mercedes, $200,000. Noted Feb. 16.

Okla., Seminole — Seminole Co. 4 span 320 ft. steel, concrete bridge near Sasakwa, to Whitson & Kirby, Ardmore, $55,359, est. $60,000; 3 span 226 ft. bridge near Konawa, to Boardman & Co., Maple and Hawk Sts., Oklahoma City, $38,011, est. $45,000. Noted Mar. 22.

Wash., Everett — Reconstructing Norton Street Trestle, to Manson & Son, Everett, $63,815.

Calif., Rosenville—Rein.-con. bridge over Southern Pacific Ry. to M. A. Jenkins, 3560 Y St., Sacramento, $29,880.

Dams

Proposed Work

Tenn., Johnson City—Tennessee Eastern Electric Co., c/o Cities Serv. Co., 60 Wall St., New York, J. E. Burge, genl. mgr., storage dam for hydro-electric development at junction Watauga and Holston Rivers, 17 mi. from here. $5,000,000-$6,000,000.

Tex., Brownsville — See "Excavation, Drainage, Irrigation, Levee, River and Harbor."

Tex., Donna—T. W. Hooks, et al., Donna, 16,400 ft. power and irrigation dam, impounding 600,000 acre ft. water. $150,000. Private plans.

Bids Desired

Wyo., Cheyenne—See "Waterworks."

Railways

Proposed Work

Missouri—Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., St. Louis, bids in 1929, 11 mi. double track freight line between Eureka and Valley Park. Noted June 21.

Contracts Awarded

Indiana—Grand Trunk Western Ry., J. A. Heaman, ch. engr., Detroit, Mich., track elevation in South Bend, to Foley Bros., Minneapolis, Minn., $300,000.

California and Oregon—Southern Pacific R.R. Co., G. W. Boschke, ch. engr., 65 Market St., San Francisco, grading 83 mi. roadbed to connect Klamath Falls, Ore., with Alturas, Calif., to Utah Constr. Co., Phelan Bldg., San Francisco. Est. $3,000,000. Noted Aug. 23.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Minn., Winona—Winona Co., 1 large and 1 small dams, Gilmore Creek for drainage, flood control. $18,000. S. A. Norling, 235 Gateway Bank Bldg., Minneapolis, engr.

Tex., Brownsville — Corthampton Land Co., Inc., Birmingham, N. Y., c/o J. H. Powers, vice-pres. (R. Sethman, Brownsville local representative), developing tract of land near here, incl. dredging Resaca running through land, building several dams in order to form lakes. $75,000. Private plans.

Colo., Las Animas—Bent Co. Colorado Irrigation Dist., J. W. Parish, pres., irrigation system near here. $600,000 bonds voted for same.

Calif., Placerville—El Dorado Irrigation Dist., earth fill dam, containing 1,500,000 cu.yd., together with conduits, flumes, tunnels, power house. $1,300,000. S. J. Norris, Oroville, engr.

Calif., Sacramento—California Delevopment Assn., 117 West 9th St., diversion 220 cu.ft. per sec. from Yuba River in Yuba Co. for power and irrigation. $400,000. Private plans.

Bids Desired

New Jersey—Nov. 5, by Bd. Commerce & Navigation, State House, Trenton, dredging channel in Parker's Run and West Creek, Eagleswood Twp., Ocean Co. V. Gelineau, dir. and ch. engr.; adv. E. N.-R. Oct. 25.

N. C., Bolton—Nov. 2, by Bd. Drainage Comrs. Columbus Co. D. D. 2, F. L. Finkenstaedt, chn., 2,000 lin.ft. bulkhead, excavating 89,000 cu.yd. J. L. Becton, Wilmington, engr.

Contracts Awarded

Massachusetts — Dpt. P. Wks., State House, Boston, dredging entrance channel to Lewis Bay, at Barnstable, to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $26,620.

Mass., North Adams—Dpt. P. Wks., Boston, excavating Hoosac River, to Warner Bros. & Goodwin, Inc., Sunderland, $12,675. Noted Oct. 4.

La., Alexandria—Red River Atchafalaya & Bayou Bouef Levee Dist., 505 Commercial Bank Bldg., excavating enlarging, strengthening levee 29,000 cu.yd. from Alexandria to Boyce, to Alexandria Contg. Co., Inc., Alexandria, at $0.348 per cu.yd. Noted Sept. 20.

La., Leon — Bd. Supervs. Decatur Co., drainage work in Little River and Kilgore Branch, incl. 49,672 cu.yd. excav., for D. D. 3, to C. Kidman, Rembrandt, at $0.0797 per cu.yd. Noted Aug. 2.

Minn., Minneapolis—A. P. Erickson, aud. Hennepin Co., Judicial Ditch 6, 750 cu.yd. open ditch, 1 outlet bulkhead, to N. C. Anderson, Hollandale, $14,760. Noted Sept. 20.

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INDEPENDENT

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General Offices at Indianapolis, Ind.

Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

Tex., Galveston—City, filling east end flats with 300,000 cu.yd. material to be dredged from Galveston Bay, to Orleans Dredging Co., Galveston, at $0.10 per cu.yd.

Wash., Wenatchee—Beebe Orchard Co., 4 mi. 18 in. heavy steel pipe line, 10,000 ft. distribution line to irrigate 450 acres orchard land, to Goodfellow Bros., Wenatchee, $50,000.

Calif., Hanford—D. A. Haskell, Tulare Lake Basin Water Storage Dist., 109 West 8th St., clearing, constructing levee on each side channel, incl. 124,000 cu.yd. excav., to C. D. Brown, Bakersfield, at $0.1075 per cu.yd.

Calif., Oakland—City Port Comn. constructing rock dyke, dredging 9th Ave. Pier in Brooklyn Basin, 28,000 tons, to Hutchinson Co., Great Western Power Bldg. at $1.95 per ton. Noted Oct. 18.

Canada—S. E. O'Brien, secy., Dpt. P. Wks., Ottawa, Ont., dredging Shippican Harbor, New Brunswick, to Miramichi Dredging Co. Ltd., Newcastle, N. B., $15,-900; Fort William, Ont., to Canadian Dredging Co., Midland, Ont. $18,000, Barnaby Shoal and 1st Narrows, Vancouver, B. C., to Pacific Constr. Co., 510 Hastings Ave. W., Vancouver, B. C.

Ontario—S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, repairing breakwater at Port Colborne, to C. S. Boone Dredging & Constr. Co. Ltd., 36 Toronto St., Toronto, $114,000; dredging, replacing pier at Cobourg, to Farley & Grant, Montreal, Que., $75,000; dredging Bruce Mines, to Soo Dredging Co., Saulte Ste Marie, $26,690. Grand total $215,690. Est. $215,000. Noted Aug. 9.

Streets and Roads

Proposed Work

N. Y., Buffalo—G. Fisk, comr. Pub. Wks., Municipal Bldg., rein.-con. paving Dunlop Ave.; sheet asphalt repaving Seneca, Gatchell and Elm Sts. C. E. P. Babcock, city engr.

N. J., Elizabeth—Bd. Pub. Wks., sheet asphalt paving Dickinson St. from Broad to West Scott Sts. $200,000.

N. J., Guttenberg (br. West New York)—Bd. Town Council, Town Hall, grading, rein.-con. paving River Rd. $40,000. R. Gaw, 4633 Hudson Blvd., North Bergen, town engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading, curbing, guttering, sidewalks, 6 in. bituminous macadam paving Poor St. $50,-000. F. Campbell, city engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading, 6 in. bituminous macadam paving Kipp and Sanford Sts. $50,000. F. Campbell, city engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., Hackensack, preliminary plans grading, curbing, sidewalks, 6 in. bituminous macadam paving Prospect Ave. south of present pavement. $100,000. F. Campbell, city engr.

N. J., Hawthorne — Bd. Freeholders Passaic Co., Court House, Paterson, reconstructing 2 mi. Lafayette Ave. and Valley Rd. $60,000. C. Brown, Paterson, co. engr.

N. J., Hillside (sta. Elizabeth) — Twp. Com., Town Hall, grading, 7 in. concrete paving Myrtle Ave., sheet asphalt on 6 in. concrete paving Broadway and White St., Winans and Hiawatha Aves. $165,600. C. Luster, 286 West Broad St., twp. engr.

N. J., Mt. Holly—Bd. Freeholders Burlington Co. widening 3 mi. River Rd. from Beverly to Delanco. $100,000. H. B. Smith, Mt. Holly, engr.

N. J., Newark — Oct. 29, by Bd. City Comrs., City Hall, grading, sheet asphalt and granite block paving South St. from Mulberry St. to westerly approach of state highway. $25,000. J. W. Costello, city engr.

N. J., South Orange — Bd. Freeholders Essex Co., Hall of Records Bldg., Newark, grading, rein.-con. paving South Orange Ave. $100,000. W. H. Stickel, Hall of Records Bldg., Newark, co. engr.

N. J., Union City—Bd. City Council, City Hall, grading, sheet asphalt on concrete paving 26th and 8th Sts. $68,000. J. Maulbeck, city engr.

N. J., Union City—Bd. City Council, City Hall, grading, sheet asphalt on concrete paving 31st and Sip Sts. $25,000. J. C. Maulbeck, city engr.

Pa., Pittsburgh—Soon takes bids grading, curbing, paving Cumberland St. $34,-700. Dpt. P. Wks., City-County Bldg., engrs.

Pa., Port Vue (mail McKeesport) — Allegheny Co., Court House, Pittsburgh, soon takes bids improving Liberty Way. $74,000. County Dpt. P. Wks., 519 Smithfield St., Pittsburgh, engrs. Noted Aug. 9.

La., Rayville—City Clerk rejected bids Oct. 3, grading, paving, $272,000. Will readvertise. M. L. Culley, 616 Lampton Bldg., Jackson, Miss., engr. Noted Sept. 27.

Ohio—H. J. Kirk, dir. Hys., Columbus, cancelled bids to have been opened Oct. 13, concrete widening Sect. A-2, Medina-Elyria Rd., Medina Co.; concrete or bituminous macadam paving 4.134 mi. Sect. D Findlay-Bowling Green Rd., Hancock Co. Noted Oct. 4.

O., Canton—Stark Co., widening, repaving 1.6 mi. Massillon Rd. (Lincoln Hy.), 40 ft. $40,000. A. M. Wise, Court House, engr. State and city appropriate toward cost.

Minn., Mankato — Rein.-con. paving 12 blocks. $42,000. F. W. Bates, city clk.

Mo., Independence—Jackson Co. grading, concrete paving 41,894 yd. Oak Grove Rd. Sect. 3; 47,223 yd. Sect. 4 same road. L. Koehler, Independence, hy. engr.

Mo., St. Joseph—Bd. P. Wks., revising plans 8 in. portland cement concrete paving 14,020 sq.yd. Frederick Ave. R. Dunlap, city engr.

Mo., St. Joseph—Soon takes bids brick on concrete paving 905 sq.yd. Middleton St. $3,800—concrete paving 10,800 sq.yd. 41st St. $30,000—500 sq.yd. 1 alley $1,200. R. Dunlap, City Hall, engr.

Tex., Brownsville—Cameron Co. concrete paving 17 mi. Hy. 100 from point 7.5 mi. east of Barredo to Point Isabel, 18 ft. $400,000. W. O. Washington, Brownsville, co. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, preliminary plans grading 8 mi. State Hy. 43, 30 ft., Pittsburg Co. To exceed $25,000. C. R. Mandigo, hy. engr.

Okla., Chickasha—Grading, concrete paving 34,000 sq.yd. Mississippi, Nevada and Montana Sts. $25,000. R. O. Bradley, Chickasha, engr.

Okla., Lawton—Grading, concrete paving 8,800 sq.yd. 2nd St. $25,000. O. E. Noble, Lawton, engr.

Okla., Seminole — Grading, concrete paving 6,800 sq.yd. Dist. 16. To exceed $25,000. R. S. Decker, Seminole, engr.

Okla., Tulsa — Grading, sheet asphalt paving 7,250 sq.yd. Gary and 17th Sts. $29,098. B. H. Hart, City Hall, engr.

Wash., Seattle—Bd. P. Wks., returned bids unopened Oct. 5, paving (track area) Seattle Blvd., $26,618. Will readvertise. W. D. Barkhuff, city engr.

California—A. B. Herron, state director Finance announced that the sum of $53,-800,000, will be available during 1929-30 biennial period for construction, reconstruction state highways.

Calif., Los Angeles—Los Angeles Co., curbing, guttering, oil and rock surfacing 177,478 sq.ft. Clive St. $48,034. G. W. Jones, Hall of Records, engr.

Calif., Monteray Park—Preliminary plans curbing walks, oil macadam and 7 in. concrete paving A. & I. 3, Mable St. $25,000.

Calif., Oakland—For 8 in. concrete paving 136,000 sq.ft. quay area at Municipal airport. G. B. Hegardt, Oakland Bank Bldg., engr.

Calif., Redwood City—Guttering, curbing, 104,350 sq.ft., warrenite-bitulithic on 3 in. cushion on asphaltic concrete surfacing Laguna Ave. and McKinley St., incl. 16 ft. span timber bridge, 50 ft. C. L. Dimmitt, city engr.

Calif., San Diego—Common Council, concrete curbing, sidewalks, sewers, mains, 6 in. asphaltic concrete paving 179,062 sq.ft. Ebers St.; curbing, sewers, mains, lighting standards, 6 in. asphaltic concrete paving 154,144 sq.ft., and 2 in. asphaltic concrete resurfacing 73,295 sq.ft. Voltaire St. S. A. Hart, city engr.

Calif., San Francisco—Grading, retaining wall, temporary paving Laguna Honda Blvd. between Lawton St. and Plaza Ave. $230,000. M. M. O'Shaughnessy, city engr.

Calif., Yuba City—Sutter Co., 6½ mi. 8 in. macadam paving River Rd. O. W. Lanzendorf, Yuba City, co. road comr.

Ont., Ford—Concrete or asphalt on concrete paving 10,000 sq.yd. Cadillac St. $44,000. H. W. Patterson, Walkerville, engr.

Ont., Hanover—Council, concrete paving Main St. $95,000. Ontario Eng. Co., Fort Erie, engr.

Ont., Sandwich — Sandwich East Twp. Council, concrete paving 4 streets, Brazil and South Pacific Aves., $25,442; sidewalks on 3 roads, Seymour Blvd. N. S., Sydney and Foster Aves. N. S., and Lillian St. $18,907. F. G. Belleperche, Tecumseh, engr.

Ont., Toronto — City Council concrete curbing, guttering, sheet asphalt on concrete or brick block on concrete paving 16,000 sq. yd. Winchester St. $80,000. R. C. Harris, City Hall, engr.

Ont., Toronto — York Twp., asphalt on concrete paving Little Blvd., Blackthorn and Hurstings Aves. $38,472; concrete sidewalks on Longmuir Pl., Scarlett and Ypres Rds., Northcliffe Blvd., and 3 avenues, $6,676. F. B. Goedike, 40 Jarvis St., engrs.

Ont., Waterford—Council, curbing, concrete paving Main St., also storm sewers. $50,000. D. A. Hill, Town Hall, engr.

Ont., Windsor—Concrete curbing, guttering, sheet asphalt paving 19,000 sq.yd. Field Ave. $76,461. M. E. Brian, City Hall, engr.

Ont., Windsor — Sheet asphalt paving Tecumseh Rd., Catham and Assumption Sts. $58,495. M. E. Brian, City Hall, engr.

Bids Desired

New York — Nov. 2, by A. W. Brandt, comr. Hys., Albany, improving roads in Delaware, Hamilton and Nassau Counties—reconstructing roads in Chemung, Suffolk and Westchester Counties—bridges in Dutchess and Washington Counties; adv. E. N.-R. Oct. 25.

N. Y., Brooklyn—Oct. 31, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, curbing, flagging Midwood and East 15th Sts.; grading, sheet asphalt on concrete paving Avenue X, 21st Ave., East 5th, West 9th, 84th and 96th Sts.

N. Y., Long Island City—Nov. 1, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., grading, curbing, flagging, sidewalks, sheet asphalt on concrete paving 45th (Franconia), Cherry, 11th, 55th (Lewis), and Potter Aves., 110th (Baylies), Hedwig, 103rd, 24th (Howland) and 50th (Fitting) Sts.

N. J., Sayreville—Nov. 1, by Middlesex Co., Court House, New Brunswick, sheet asphalt on 6 in. concrete paving Washington, South Amboy and Parlin Rds. $25,-000. F. Buchanan, 175 Smith St., Perth Amboy, co. engr.

Pa., Phila.—Oct. 30, by Dpt. P. Wks., Bureau of Hys., grading, asphalt and redressed granite block repaving, improving country roads, repaving certain intersections.

Maryland—Oct. 30, by State Roads Comn., Baltimore, concrete paving 0.33 mi. Contr. M-108, Montgomery Co.—1.38 mi. Contr. F-121, Frederick Co.—graveling 1.5 mi. Contr. P-90, Prince George Co. J. N. Mackall, chn.

N. C., Washington—Oct. 30, by Beaufort Co. Hy. Comn., clearing, grading Pungo River and Caliso Hill Rds. $37,000. L. A. Wallace, Washington, engr.

Miss., Vicksburg — Oct. 30, by Bd. Supervs. Warren Co., improving County Highway System, 30,000 cu.yd. excav., 672 ft. 24 and 36 in. concrete pipe, 750 lb. reinforcing, 700 ft. creosoted piling, 9,170 ft. creosoted lumber, 6,667 cu.yd. graveling. B. F. Nicolls, 600 1st Natl. Bank Bldg., engr.

Kentucky—Nov. 30, by State Hy. Dpt., Frankfort, grading 13 mi. Hardinsburg-Leitchfield Rd., S. P. 58-A. G., Breckenridge Co.—9 mi. Coneyville-Beaver Dam Rd., F. A. 186-A. G., Grayson Co.—3 mi. Lebanon-New Haven Rd., S. P. 62-B. G., Marion Co.—7.9 mi. Central City-Rockport Rd., F. A. 187-A. G., Muhlenburg Co.—14.9 mi. Greenville-Kirkmansville Rd., S. P. 1-A. G., Muhlenberg and Todd Counties—9.4 mi. Bardstown-Loretto Rd., S. P. 206-A. G., Nelson Co.—reconstructing 6 mi. Lebanon-Libertyville Rd., S. P. 62-A. G., Marion Co. J. S. Watkins, hy. engr.

O., Zanesville—Oct. 29, by Comrs. Muskingom Co., hard surfacing 1 mi. Rd. 32, 18 ft. $25,000.

Iowa — Oct. 30, by State Hy. Comn., Ames, grading 9.75 mi. Road 13, P-594 Allamakee Co.—4.414 mi. Road 55, P-586, Clayton Co.—11.15 mi. Road 141, P-507, Crawford Co.—13.517 mi. Road 48, P-264 Page Co.—2.05 mi. Road 117, P-532, Jackson Co.—paving 9.047 mi. Road 4, P-479, 8.322 mi. Road 34, F-15 and 1.637 mi. Road 41, P-605, Mills Co.—8.251 mi. Road 149, P-246 Keokuk Co.—7.376 mi. Road 55, F-98, 7.043 mi. Road 55, F-308, Winneshiek Co.—graveling 6.25 mi. Road 153, P-M-601, Jones Co.—8.86 mi. P-513, Muscatine Co. R. F. White, hy. comr.

Kan., Alma—Oct. 30, by Clerk Wabaunsee Co., sand-gravel surfacing 8.305 mi. Projects 11-16-K515 and 11-17-K516. F. Itz, co. engr.

Kan., Independence—Nov. 8, by Clerk Montgomery Co., grading, culverts on 4.973 mi. U.S. 166, Federal Aid Project 285-B, 32 ft. J. E. Courtright, Independence, engr.

Kan., Larned—Nov. 1, by Clerk Pawnee Co., sand-graveling 0.333 mi. Project 37-3 A F. A. 281-B. L. F. Whearty, co. engr.

Ark., Magnolia—Nov. 2, by Bd. Comrs. Paving Dist. 2, R. C. Green, secy., grading, curbing, rein.-con. paving 11,200 sq.yd. J. W. Haynes, Camden, engr.

Ark., Nashville—Oct. 29, by Bd. Comrs. Paving Impvt. Dist. 2, Planters Bank & Trust Co., grading, rein.-con. paving 27,400 sq.yd. with integral curb and 23,900 sq.yd. without curb on Main St. J. W. Dawson, 425 State Natl. Bank Bldg., Texarkana, engr.

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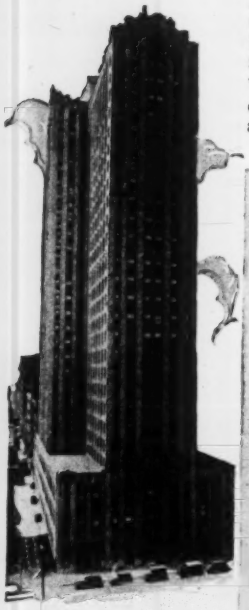
In the heart of modern DETROIT

These are only a few of many buildings in the heart of modern Detroit which have Bethlehem Wide-Flange Structural Shapes—commonly known as Bethlehem Sections—in their steel framework.

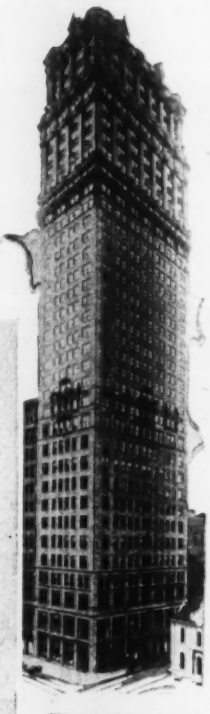
When Bethlehem Sections were introduced, years ago, architects, engineers and contractors everywhere promptly recognized their advantages of economy in weight and in cost of fabrication, without sacrifice of strength.

These advantages of Bethlehem Sections led to their extensive adoption. They have been used—and are being used—in many prominent structures, not only in the United States, but throughout the world.



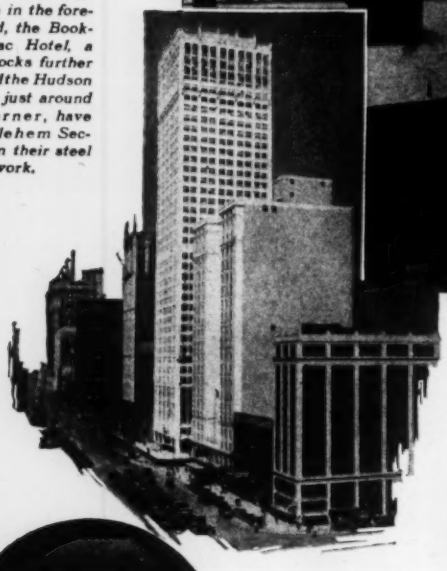
The Buhl Building, above, has Bethlehem Sections in its framework.

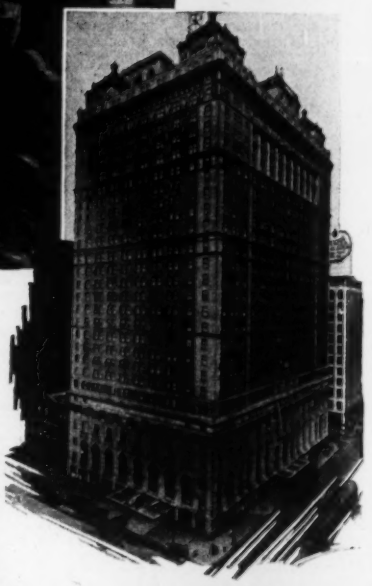
Below:
The Barlum Hotel and Tower, looming up in the foreground, the Book-Cadillac Hotel, a few blocks further on, and the Hudson Store, just around the corner, have Bethlehem Sections in their steel framework.



The steel framework of the Book Tower, above, is constructed of Bethlehem Sections.

At left:
At the center the new Union Trust Building appears. At the left of it, the Buhl Building is seen; at the right, the Barlum Hotel and Tower. Bethlehem Sections were used in the steel framework of these buildings.





The framework of the Book-Cadillac Hotel, at the right, is constructed of Bethlehem Wide-Flange Structural Shapes.

BETHLEHEM STEEL COMPANY

General Offices: Bethlehem, Pa.

District Offices: New York, Boston, Philadelphia, Baltimore, Washington, Atlanta, Pittsburgh, Buffalo, Cleveland, Detroit, Cincinnati, Chicago, St. Louis, San Francisco, Los Angeles, Seattle, Portland and Honolulu.

Bethlehem Steel Export Corporation, New York
Sole Exporter of our Commercial Products

BETHLEHEM
Wide-Flange STRUCTURAL SHAPES

Streets and Roads (Continued)

Tex., Alamo—Nov. 7 (extended date), by A. W. Cameron, judge Hidalgo Co., Edinburg, grading, concrete paving 36 mi. hy. in Road Impvt. Dist. 3. $600,000. P. S. Devine, Edinburg, engr. Noted Oct. 4.

Tex., Donna—Nov. 12 (extended date), by A. W. Cameron, judge Hidalgo Co., Edinburg, grading, paving 45 mi. roads in Impvt. Dist. 7. $700,000. P. S. Devine, Edinburg, engr. Noted Oct. 4.

Tex., El Campo—Nov. 2, by City Comrs., alternate types paving 15 blocks various streets. $40,000. Nagle, Witt & Rollins, c/o City, engrs.

California—Nov. 7. by State Hy. Comn., Sacramento, grading, concrete paving 7.2 mi. road between Pine Valley and Kitchen Creek, San Diego Co.; grading, surfacing 2.9 mi. road between Roseville and Rocklin, Placer Co. C. H. Purcell, P. Wks. Bldg., Sacramento, engr.

Calif., San Diego — Nov. 5, by Common Council, A. H. Wright, city clk., concrete curbing, mains, sewer laterals, 6 in. concrete paving 184,984 sq.ft. Turquoise and other streets. H. W. Jorgensen, city engr.

Quebec—Oct. 30, at office J. L. Boulanger, deputy minister Roads, Quebec, concrete resurfacing 17,202 ft. Valleyfield-Fort Covington Hys. in Sainte Cecile de Valleyfield Parish; 10,842 ft. in Saint Stanislas de Kostka Parish.

Contracts Awarded

Massachusetts—Dpt. P. Wks., Boston, bituminous macadam paving 17,787 ft. hy. in Groton and Pepperell, to A. Polatto, Dracut, $111,533. Noted Oct. 4.

Rhode Island—State Bd. P. Rds., Providence, rein.-con. paving 3.22 mi. hy. in Warwick and Cranston, 20 ft., to Lane Constr. Co., 37 Colony St., Meriden, Conn., $188,355; 4 mi. Jamestown, 18 ft., to Watkins Bros., New Bedford, Mass., $87,375. Noted Oct. 11.

Connecticut—J. A. MacDonald, hy. comr., Hartford, rein.-con. paving 3,975 ft. hy. in Danbury and Bethel, and waterbound macadam paving 8,655 ft. Canterbury, to J. Arborio, 59 Center St., New Haven; 20,800 ft. Weston, to Arborio Road Constr. Co., 408 Main St., Hartford. Est. $250,000. Noted Oct. 4.

N. Y., Long Island City—B. M. Patten, Pres. Queens Boro, Queens Subway Bldg., sheet asphalt on concrete paving Barn St., to W. P. McDonald Constr. Co., Lawrence St., Flushing, $6,674—22nd and Sunwick Sts., to Meehan Paving & Constr. Co., Laurel Hill Blvd., $23,536—Roosevelt Ave., to Cleveland Trinidad Paving Co., Flushing, $103,398—97th St. and grading, recurbing Bleeker St., to Borough Asphalt Paving Co., 1301 Metropolitan Ave., Brooklyn, $6,842 and $12,578 respectively—58th St. also 50th and Fitting Sts., to Slattery Contg. Co., 7202 51st Ave., $1,442 and $5,225 respectively—Penelope St. and Rockaway Blvd., to Uvalde Asphalt Co., Metropolitan Ave., Brooklyn, $48,302 and $188,-955 respectively—97th St., to Welsh Bros. Contg. Co., 27 Purvis St., $6,920—3rd St., to J. J. O'Brien, Jr., 86-35 137th St., Jamaica, $8,211—Queens Blvd., to Kennedy & Smith, Inc., Bradford St., Flushing, $288,-410—Beach 35th St., and constructing bulkheads on Beach 68th St., to W. H. Gahagan Corp., 147 Remsen St., Brooklyn, $46,750 and $4,713 respectively. Grand total $751,-956. Noted Sept. 27.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sheet asphalt on concrete paving Pavo Rd., to Highway Impvt. Repair Co., Furmans Island, Brooklyn, $11,270— 43 (Kingsland) Ave., to Uvalde Asphalt Paving Co., Metropolitan Ave., Brooklyn, $20,479—Central Ave. (Foch Blvd.), to Sprague Constr. Co., Alameda St., Belle Harbor, $95,588—granite block paving Flushing Ave., to H. J. Mullin Contg. Co., 139-39 Jamaica Ave., Jamaica, $30,945. Grand total $158,282. Noted Oct. 11.

N. J., Hackensack — Hackensack Impvt. Comn., Municipal Bldg., grading, 2 in. Topeka on 6 in. stone paving Kaplan, Parker, Simons and Rowland Aves., to E. Abraham, Renner St., $82,006. Noted Oct. 4.

N. J., Hackensack — Bd. Freeholders Bergen Co., Court House, grading, paving Edgewater Rd., to J. Kinzley Co., Zabriskie St., Hackensack, $49,051.

N. J., Hillside (sta. Elizabeth)—Twp. Com., Town Hall, sheet asphalt on concrete paving Belleview Terrace and Morris Pl., to J. F. Champan & Son, 1439 North Broad St., $25,142. Est. $32,000. Noted Oct. 4.

N. J., Jersey City—Bd. City Comrs., City Hall, grading, sheet asphalt on concrete repaving Ocean Ave., to New Jersey Asphalt & Paving Co., Inc., foot of Jersey Ave., 86⅓% est. $25,000. Noted Oct. 11.

N. J., Lyndhurst (br. Rutherford)—Bd. Twp. Comn., Town Hall, grading, bituminous macadam paving Kingsland Ave., to W. D. Lynch, Post Office Bldg., Nutley, $36,281.

N. J., Ridgefield Park—Grading, rein.-con. paving Arthur St., to G. Di Napoli, Inc., 80 Main St., Hackensack, $32,526. Noted Oct. 18.

N. J., Ventnor (br. Atlantic City)—Atlantic Co., Mays Landing, paving Ventnor Ave., to Eastern Eng. Co., 4 N. N. Carolina Ave., Atlantic City, $74,260.

Pennsylvania—State Hy. Comn., Harrisburg, concrete paving 1.928 mi. Project 293-A, Fayette Co., to J. I. Dick, Scottdale, $38,976. Noted Sept. 6.

Pa., Phila.—Dpt. P. Wks., Bureau of Hys., to J. Herzog, 4314 Old York Rd., grading Adams and Tabor Sts. $6,825—to J. F. Molloy, 15 East Mermaid Lane, Cheltenham St. $13,243; Limekiln Rd. $5,902—to Duffin Bros., Penn and Womroth Sts., Comly St. $1,890—to S. C. Ratzell, Limekiln Pike and Haines St., Godfrey St. $5,-752—to R. B. Wenner, 2819 West Gordon St., Lenape, Parma and Sorento Sts. $15,171—to J. F. Feeney, 106 North Kalos St., Leonard and Stanwood Sts. $806—to Eastern Asphalt Co., Penna Bldg., asphalt paving (assessment work) Aramingo St. $45,-531; Media St. $5,822; Shedaker St. $2,-538; 65th Ave. $2,622—to Barber Asphalt Co., Hunting Park Ave. at E St., Cherokee St. $5,584; Hollis St. $5,771; Limekiln Rd. $18,948—to Montgomery Paving Co., Harrison Bldg., Comly St. $7,920—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Cottage, Erdrick, Jackson and Walker Sts. $57,561—to Fish-Rutherford, Inc., 4058 Chestnut St., improving Cardington (country) Rd. $33,665—to M. Y. Neely, Inc., Bushleton, Phila., Duffield St. intersection with Roosevelt Blvd. $1,749; Pavonia Ave. $2,767—to Wilson-Martin, Inc., 1501 North 2nd St., Tabor St. $1,717—to Martin Contg. Co., Germantown Ave. and Durham St., 82nd St. $1,944—to Elkins Paving & Constr. Co., 836 North Holly St., redressed granite block paving Front St. $12,717; New Market St. $43,566. Grand total $317,937. Noted Sept. 27.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Survey, paving Frankford Ave. from Bridge St. northward to Union Paving Co., 123 South 21st St., $148,327. Noted Oct. 11 under "Railways, Pennsylvania."

Pa., Phila. — Dpt. P. Wks., Bureau of Hys., to R. B. Wenner, 2819 West Gordon St., grading Algard St. $636; Mulberry St. $1,297—to S. C. Ratzell, Limekiln Pike and Haines St., Dorset, Slocum and Upsal Sts. $4,994—to J. F. Feeney, 106 Kalos St., Ryan St. $1,780—to M. Leewright, 424 Seville St., Summit St. $4,982—to Montgomery Paving Co., Harrison Bldg., asphalt paving Belden and Devereaux Sts. $46,596—to Eastern Asphalt Co., Penna Bldg., Belgrade St. $7,692; Broad St. $13,978; D St. $8,099; Hawthorne St. $6,992; Montague St. $5,298; asphalt repaving Island St. $17,-989; Thompson St. $6,603—to Barber Asphalt Co., Hunting Park Ave. and E St., asphalt paving Bristol St., $9,490; Gerhard St. $5,221, Mifflin and Snyder Sts. $7,734; Milnor St. $5,651; Sansom St. $4,516; Smedley St. $4,484; Stiles St. $6,592; 3rd St. $5,878 — asphalt repaving Ridge St. $9,485—to Wilson-Martin, 150 North 2nd St., improving Burling Rd. $23,313—to F. A. Caruso & Son, 804 South 12th St., Hegerman Rd. $10,403, redressed granite block repaving Front St. $23,635—to Union Paving Co., 123 South 21st St., improving Island Rd. $18,782—to Curtis Bros., 6640 State Rd., Kelvin (Southampton) Rd. $4,153; Lewis and Warwick Rds. $3,442; Townsend (Meeting House) Rd. $33,515—to B. Foster Co., 20th and Venango Sts., Mt. Pleasant Rd. $6,905—to M. Y. Neely, Inc., Bustleton, Phila., Wheel Pump Lane $2,789—to Jafew Eng. & Constr. Co., 4015 Mitchell St., steel stairways for Montgomery Avenue Foot Bridge 184 over North Penn Branch Reading R.R., American St. $2,895. Grand total $315,819. Noted Oct. 11.

Pa., Phila.—Dpt. P. Wks., Bureau of Hys., to McCarrick Bros., 3240 Fox St., grading Bergen St. $3,577—to T. P. Lee, 5629 Cherry St., Grovers St. $13,503—to Morrissey Bros., 4336 North Marshall St., Hortter and Phil-Ellena Sts. $1,722; 11th St. $839—to Frank Mark Contg. Co., Castor and Winghocking Sts., 65th Ave. $2,822; improving Knorr (county) Rd. $2,702—to Union Paving Co., 123 South 21st St., asphalt paving (assessment work), Atwood, Harlan and 66th Sts. $10,566; Mifflin St. $12,766; asphalt repaving Poplar St. $11,-573—to Barber Asphalt Co., Hunting Park Ave. at E St., asphalt paving (assessment work), Cedarbrook and Michener Sts. $23,-749; Champlost St. $4,005; Homer St. $7,-130; Marvine St. $5,187; Crianna St. $2,-530; 4th St. $2,662; 17th St. $2,455—to Eastern Asphalt Co., Penna Bldg., Dungan St. $4,281; Woodcrest St. $7,980—to Municipal Constr. Co., Washington Sq. Bldg., Lycoming, I and J Sts. $51,841—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Magee St. $84,804; Washington Lane $23,838—to F. A. Caruso & Son, 804 South 12th St., improving Bleigh (county) Rd. $3,044; Longshore Rd. $6,-298—to M. Y. Neely, Inc., Bushelton, Phila., Dearnley Rd. $9,455; Harner Rd. $2,947—to Martin Contg. Co., Germantown Ave. and Durham St., improving Green Lane $2,385—to Acchione Contg. Co., 1617 McKean St., redressed granite block repaving York St. and track area 19th St. $14,-747. Grand total $320,408. Noted Oct. 4.

Pa., Pittsburgh—Comrs. Allegheny Co., reconstructing Washington Rd., Mt. Lebanon Twp., to M. C'Herron Co., South 1st & McKean Sts., $33,419, est. $50,000; grading, curbing, paving Forward Ave., to Booth & Flinn, Ltd., Forbes St. $32,993, est. $43,100. Noted Sept. 27.

Maryland—State Roads Comn., Baltimore, graveling 3.2 mi. Contr. Ch-46, Charles Co., to Bacchiano & Swann, LaPlata, $27,-005. Noted July 21.

Md., Baltimore—Bd. Awards, sheet asphalt paving 12,500 sq.yd. Contr. 488, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $50,746. Noted Oct. 4.

Va., Richmond—Topsoiling, natural sand clay surfacing 2.216 mi. roadway from point in Halifax Co. to South Boston, to Marye & Blackenship, Shawsville, $21,719—0.519 mi. roadway, completing railway underpass in Dinwiddie Co., to J. A. Marrow Constr. Co., Soudan, $5,621.

W. Va., New Martinsville—Wetzel Co., 3 in. bituminous macadam on 8 in. bank run slag course paving 2 mi. road, from Smithfield up Princess Fork, 16 and 18 ft., to W. McCormick, New Martinsville, $33,537.

North Carolina — State Hy. Comn., Raleigh, to Roberts Paving Co., Salisbury, Mo., grading, concrete paving 8.43 mi. Currituck Co. $163,063; 11.69 mi. Iredell Co. $220,464; 2.42 mi. Davie Co. $46,017—to F. J. McGuire, Norfolk, Va., 7.64 mi. Perquimans Co. $80,277—to N. L. Teer, Durham, grading, one course gravel surfacing 10.06 mi. Durham Co. $72,430—to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, grading, sand asphalt paving 5.69 mi. Bladen Co. $64,047; 7.59 mi. Columbus Co. $91,436—to C. A. Ragland, Louisburg, clearing, grading, topsoiling 5.3 mi. Wake Co. $33,345—to W. E. Graham, Mt. Ulla, clearing, grading, small concrete structures on 10.39 mi. Watauga Co. $92,995—to T. A. Loving & Co., Goldsboro, rein.-con. bridge in Wake Co. $47,707. Grand total $911,781. Noted Sept. 27.

Alabama—State Hy. Comn., Montgomery, to W. J. Bryson Paving Co., Jacksonville, Fla., 2 in. asphalt on 6 in. concrete paving 6 blocks, Shelby Co., $23,899; chert surfacing 15.85 mi. Etowah Co. $13,619; 10.72 mi. Shelby Co., $9,615; graveling 10.49 mi. Fayette Co. $13,922—to Cox & Bryson, Anniston, topsoiling 5 mi. and graveling 5.5 mi. Clay Co., $43,464; 12.7 mi. Talladega Co. $20,754—to J. W. Gwin, Comer Bldg., Birmingham, gravel and chert surfacing 13.47 mi. Cherokee Co. $19,237; sand clay and gravel surfacing 20 mi. Bullock Co. $58,105—to H. Foster, Luverne, sand clay surfacing 12.22 mi. Lowndes Co., $28,180—to Bessemer Eng. & Constr. Co., 2109 5th Ave. N., Birmingham, grading 1.01 mi. Walker Co., $12,443—to W. J. McCoy, Lafayette, topsoiling 12.72 mi. Chambers Co., $16,800. Grand total $260,038. Noted Oct. 4.

Mississippi — State Hy. Dpt., Jackson, hardsurfacing 22 mi. hy. from Tougaloo, Hinds Co., to Canton, Madison Co., to B. C. George & Co., Corinth, $189,000.

Miss., Canton—Bd. Supervs. Madison Co., grading, bridges, culverts 15.683 mi. Federal Aid Project 79-B, to B. C. George & Co., Corinth, $189,000.

Miss., Hattiesburg—Grading, curbing, Alabama limestone and Topeka asphaltic concrete paving West 4th and Camp Sts., 10th and 21st Aves., to E. A. Finch, Hattiesburg, at $1.98 per sq.yd. Est. $100,000

Miss., Waynesboro — Grading, storm sewers, concrete paving, to Merrill Eng. Co., Lamar Life Bldg., Jackson, $28,000.

Ky., Louisville—Concrete paving 45th St. and asphaltic concrete paving 36th and Herman Sts., to Louisville Asphalt Paving Co., 240 East Lee St., $30,048—asphaltic concrete paving Cedar St., Garland, Virginia and Hale Aves., to H. Bickel Co., 443 Grand St., $190,622—asphalt paving Howard Dr., Hill and 34th Sts., to G. H. Eady Co., Brooks and Lee Sts., $24,223—asphalt, granite paving 4th St., to Andrews Asphalt Paving Co., Inter-Southern Bldg., $31,552. Grand total $276,445.

Ohio—H. J. Kirk, dir. Hys., Columbus, grading, brick paving 1.519 mi. Sect. L-1, Cleveland-Mast Liverpool Rd., Cuyahoga Co., to Highway Constr. Co., Guaranty Title Bldg., Cleveland, $224,608 incl. brick.

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Streets and Roads (Continued)

O., Cincinnati — Hamilton Co., concrete repaving 35,200 sq.yd. south fork of Taylor Creek Rd., to Scully Bros., 1011 Atlas Bank, $181,532. Est. $190,081. Noted Aug. 2.

O., Cleveland—Cuyahoga Co., stone curbing, concrete paving 12,760 sq.yd. Snow Rd. 4, to Baldwin Bros., 4500 Euclid Ave., $62,669.

O., Cleveland — Cuyahoga Co., Court House, 3 in. brick paving 3,960 sq.yd. Columbia Rd., to Freshwater Constr. Co., Davis & Farley Bldg., $25,280.

Ind., Crown Point — Comrs. Lake Co., concrete paving 2.5 mi. Snyder Rd., to Sunderman Constr. Co., Gary, $184,000. Noted Sept. 13.

Ind., Danville—Hendricks Co., constructing C. N. Tinder Rd., to W. P. Rigdon, Danville, $26,432.

Ind., Ft. Wayne—Allen Co., bituminous macadam on waterbound macadam paving 8.383 mi. Duglay Rd., to P. B. Putnam, Ft. Wayne, $178,294. Noted Sept. 27.

Michigan—Village of Plainwell, concrete paving 2.469 mi. MO3-19, C-1, 20 ft., Allegan Co., to Remus Constr. Co., Fennville, for State Hy. Dpt., Lansing, $62,900 incl. cement. Noted Sept. 13.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 1.685 mi. MO15-8, C-1, 20 ft., Charlevoix Co., to Rogers Constr. Co., Scottville, for State Hy. Dpt., Lansing. $51,403 incl. cement.

Mich., Royal Oak (Ind. br. Detroit)—One course 8 in. concrete paving 10,000 sq.yd. Main St. (between tracks), to R. D. Baker, Nine Mile Rd., Ferndale, $34,850.

Ill., Chicago—Cook Co. Comn., 139 North Clark St., paving Madison St. and Hillside Ave., to W. A. Black Co. 228 North La Salle St., $68,599 and $31,006 respectively, Devon Ave., to I. D. Lain, Waukegan, $55,-199—widening, paving Dixie Hy., to Pronger Bros., Blue Island, $192,859—Northwest Hy., to Milburn Bros., Rockford, $23,128. Grand total $370,791.

Ill., Cuba—Grading, curbing, guttering, 4 streets, to Hartman-Clark Bros., 920 Peoria Life Bldg., Peoria, $41,946. Noted Sept. 6.

Wisconsin—State and Marquette Co. Hy. Comns., Div. Office 4, Citizens Natl. Bank Bldg., Wisconsin Rapids, grading, concrete paving 9,776 sq.yd. Westfield Subway Rd., Project 423-F, to J. F. Bloomer, Appleton, $27,632.

Wisconsin—State Hy. Comn., Madison, grading 6.277 mi. Project 411-D, Iowa Co., to Nelson, Mullen & Nelson, 355 Temple Court, Minneapolis, Minn., $46,041—crushed stone surfacing 7.697 mi. same road, to Iowa County Constr. Co., Cobb, $24,245—bridges on above road, to R. G. Hase, Eau Claire, $17,380. Grand total $87,666.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., grading, paving 1 alley, to Bleck Constr. Co., 2123 Vliet St. $696—Dakota St., to Gumz & Switalski, 831 13th Ave. $27,095—11th Ave., to Czerwinski Constr. Co., 816 Clinton St. $18,429—Keefe Ave., to J. C. Bluhm & Son, 1299 Achilles Ave. $3,617—30th Ave., to F. W. Blodgett, 521 Newton Ave. $40,665. Grand total $90,502.

Ia., Marshalltown—Paving 28,380 sq.yd. West Main St., to D. J. Ryan Constr. Co., Davenport, at $1.20 per sq.yd., est. $55,000—7 in. rein.-con. paving 3,800 sq.yd. North 19th St., to Carlson Constr. Co., Marshalltown, est. $9,200. Noted Sept. 6.

Minn., Hastings—State Hy. Comn., St. Paul, 279,000 cu.yd. hydraulic fill on State Project 3-46, Sect. 1, near here, to La Crosse Dredging Co., 405 Plymouth Bldg., Minneapolis, $68,070.

Kan., Pittsburg—Concrete paving South Walnut St. and brick paving Monroe St., to Reed & Wheelock, Clay Center, $30,126.

Missouri—State Hy. Comn., Jefferson City, **(R. means Route)** to Excelsior Springs Constr. Co., Excelsior Springs, 30 ft. grading 4.394 mi. R.22, Sect. 303-A, Audrain Co. $17,696; 4.394 mi. Sect. 303-B same road $16,578; 2.412 mi., Sect. C same road $22,-680—to Stigall Constr. Co., Springfield, 2.995 mi. Christian Co. $19,282—to Carte-Harlin Constr. Co., West Plains, 1.439 mi. Oregon Co. $25,843—to Bertman & Menefee, Sedalia, 2.88 mi. R.40, Sect. 27-C, Cooper Co. $19,942; 3.203 mi. Sect. D, same road $42,085—to L. Gray, St. Louis, 4.971 mi. R.15, Sect. 2, $46,360; 4.777 mi. R.4, Sect. 69 $35,011, both Scotland Co.—to M. E. Gillioz, Monett, 2.879 mi. Carter Co. $54,-420—to A. L. Cook, Ottawa, Kan., 18 ft. graveling 3.517 mi. Clark Co. $4,843—to W. D. Knoll, Buffalo Center, Ia., 4.678 mi. Audrain Co. $13,227, 3.93 mi. Sect. 33-A same road $11,917; 4.119 mi. Sect. 34-A $14,397; 3.508 mi. Sect. 35-A $4,517—to J. L. Simmons Constr. Co., LaPlata, 0.55 mi. Livingston Co., $2,779; 1.563 mi. Linn Co. $7,577; 0.699 mi. Macon Co. $3,201—to Kiefner & Geile, Perryville, 4.543 mi. Perry Co. $40,091—to F. E. Kauffman, Jefferson City, 4.198 R.52, Sect. 35-A, Morgan Co. $4,999; 3.473 mi. Sect. 36-A, same road $4,131—to J. A. Kerr, Ozark, 4.348 mi. Sect. 41-A, Morgan Co. $13,111; 3.585 mi. Sect. 42-A same road $10,922; 2.406 mi. same road $5,970—to Fritzlen-Hufford & Vermillion, Kansas City, grading 0.868 mi. R.2, Sect. 11, St. Louis Co. $15,213; 20 ft. concrete paving same road $15,056—to C. H. Atkinson Paving Co., Watertown, S. D., grading, 20 ft. concrete paving 4.365 mi. Cole Co. $59,444—to E. D. Tyner Constr. Co., Kansas City, 18 ft. concrete paving 0.744 mi. Clay Co. $22,369—to H. Tidd, Brookfield, 0.694 mi. Linn Co., $16,456—to J. C. Patterson & Co., Kansas City, grading, rock asphalt on brick resurfacing 0.5 mi. Clay Co. $17,945—to O. O. Fuller, Nevada, concrete surfacing 0.2 mi. Vernon Co. $3,821; 2.196 mi. windrowing chats Bates Co. $6,644. Grand total $598,527. Noted Sept. 6.

Missouri—State Hy. Comn., Jefferson City, grading 3.678 mi. Project 286-B, Greene Co., to M. E. Gillioz, Monett, $25,503.

Ark., Brinkley—Grading, rein.-con. paving 45 blocks Brinkley Ave., to Forcum-James Constr. Co., Dyersburg, Tenn., $64,-520. Est. $64,520.

Tex., Houston—Curbing, guttering paving 57,000 sq.yd. streets in Braeswood addition, to Gulf Bitulithic Co., 2400 Polk St., $174,-238. Est. $200,000.

Tex., Houston—Harris Co., grading, crushed stone base paving 8.25 mi. Westheimer Rd., to Smith, Starkey & James, Stewart Bldg., $85,470. Est. $75,000.

Tex., Mineral Wells—For 2½ in. brick on concrete paving 8 blocks Northwest 4th Ave., to Mineral Wells Brick Co., Mineral Wells, $62,000.

Tex., Odessa—Paving 21 blocks, to Brown & Root, 1904 Post Dispatch Bldg., Houston, $55,000. Est. $60,000. Noted Apr. 26.

Tex., San Angelo—For paving 6 blocks South Madison St., to L. E. Whitham, 615 North Randolph St., $26,000. Est. $27,000.

Okla., Hooker—A. Lorenz, mayor, 7 in. concrete paving, 10,000 yd. streets, to J. Stanton & Son, Leavenworth, $38,766.

Okla., Maud — Grading, concrete paving 21,900 sq.yd. King Ave., to Standard Paving Co., 2119 East 11th St., Tulsa, $76,-087. Est. $83,952. Noted Sept. 20.

Okla., Seminole—Seminole Co., grading, concrete paving 7.5 mi. Little River Rd., 30 ft., to Taylor & Younger, Stock Yards Sta., Oklahoma City, $47,563. Est. $50,000.

Okla., Shawnee — Grading, sheet asphalt paving 7,300 sq.yd. Paving Dist. 71, to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $27,301. Est. $28,000.

Colo., Denver — Dpt. Impvts. & Parks, Sept. 20, asphaltic concrete paving North Denver Paving Dist. 14, to New Mexico Constr. Co., 4015 Galapago St., $34,727; concrete paving Alley Paving Dist. 180, to F. M. Perryman, 2161 South Williams St., $17,817. Noted Oct. 4.

Colo., Las Animas—L. E. Collett, city clk., paving Bent, Carson, 4th, 5th and 6th Sts., to W. A. Colt & Son, Las Animas, $65,000.

Washington—State Hy. Comn., Olympia, grading 95,500 cu.yd. Lewis Co., grading, graveling 17,000 cu.yd. King Co., to Halleran Bros., 2352 North Bway., Seattle, $97,-212 and $91,319 respectively—grading 188,-000 cu.yd. Stevens Co., to Triangle Constr. Co., 1220 Ide Ave., Spokane, $73,319—grading 72,000 cu.yd. Skamania Co., to R. W. Shaffer, P. O. Box 3641, Portland, Ore., $30,811. Grand total $292,661. Noted Sept. 27.

Wash., Seattle—Bd. P. Wks., repaving Jackson and 3rd Ave., to J. L. Smith Constr. Co., 301 West 36th St. $216,358 and $267,771 respectively—and 8th Ave. N., to R. G. Stevenson, 1237 Northlake Ave. $52,769. Grand total $536,898.

Wash., Seattle—Bd. P. Wks., paving East Marginal Way and Lane St., et al., to Goetz & Brennan, Seaboard Bldg., $71,120 and $35,526 respectively.

Wash., Seattle—King Co., concrete paving 2 mi. Renton-Maple Valley Rd., to Erickson Paving Co., 1515 North 34th St., $68,-868. Est. $70,000.

Wash., Walla Walla—Comrs. Walla Walla Co., grading, surfacing 4,898 cu.yd. Hy. 30-B, to J. E. Edwards, Spokane, $26,734.

California—State Hy. Dpt., Sacramento, grading 5.4 mi. San Bernardino Co., to B. Calvert, 1008 Towne Ave., Los Angeles, $25,975—grading, oil treated crushed rock surfacing 21.4 mi. San Bernardino Co., to Dillon & Boles, Los Angeles, $263,236—13.5 mi. Imperial Co., to R. E. Hazzard Contg. Co., 1517 Kettner Blvd., San Diego, $217,-975. Grand total $507,186. Noted Oct. 18.

California—State Hy. Dept., Sacramento, grading 3.9 mi. San Diego Co., to Nevada Contg. Co., Fallon, Nev., $99,804. Noted Oct. 18.

California—State Hy. Comn., Sacramento, grading, oil treating, gravel or stone surfacing 1.2 mi. Yolo Co., and grading, concrete paving 1.6 mi. Placer Co., to Frederickson Bros. and Frederickson & Watson, 215 1st Natl. Bank Bldg., Stockton, $25,-394 and $60,561 respectively.

Calif., El Centro — Grading, asphaltic concrete paving, street lighting system on 8th St., Adams Ave., to Hazard Contg. Co., 2548 Kettner St., San Diego, $76,021. Noted Oct. 4.

Calif., Los Angeles—Bd. P. Wks., grading, concrete paving 98,005 sq.ft. Roscoe St., to Tryon & Brain, 416 California Bldg., $29,177; 67,415 sq.ft. Vendome and Jewell Sts., to A. D. Chalmers, H. W. Hellman Bldg., $28,021.

Calif., Los Angeles—Los Angeles Co., grading, guttering, curbing, oil macadam paving 778,206 sq.ft. Glenada Ave., to A. O. Nelson, 126 North Huntington Dr., Pasadena, $136,721. Est. $167,017. Noted Sept. 27.

Calif., Los Angeles — Los Angeles Co., grading, 2 in. asphaltic concrete on 6 in. concrete paving 128,235 sq.ft. 7th St., to Griffith Co., Railway Bldg., $65,025.

Calif., Oceanside — Grading, curbing, sewers, concrete paving Albert and Lenard Aves., to Miracle Constr. Co., 4500 Menlo Ave., San Diego, $68,975.

Calif., Pasadena—For 4 in. oil macadam paving Salvia Canyon between Lida Ave. and Chevy Chase, to C. P. Day Corp., 35 North Raymond Ave., $71,548.

Calif., San Bernardino—Curbing, guttering, sidewalks, 5 in. asphaltic concrete paving Waterman Ave., to Hall-Johnson, 905 Westminister Ave., Alhambra, $60,965.

Calif., Sonora — Tuolumne Co., willite paving Tuolumne Rd. to Carson & Lesser, 693 Sutter St., San Francisco, $29,780.

Calif., Stockton—San Joaquin Co., grading, surfacing 12 mi. McDonald Island Rd., to G. E. Finnell, 1000 47th St., Sacramento, $40,173. Noted Oct. 11.

Ont., Blenheim—Asphalt paving 4 streets, to Merlo, Merlo & Ray, Ford City, $38,800. Engrs. est. $40,000.

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Public Bond Elections

Coming Bond Elections

Waterworks—Waterloo, Ill., Nov. 4, $35,000.
Waterworks—Golden City, Mo., Nov. 20, $70,000.
Waterworks — Hydro, Okla., Nov. 6, $25,000.
Waterworks — Brownsville, Tex., Nov. 3, $150,000.
Waterworks—Durango, Colo., $350,000.
Sewers—Louisville, Ky., Nov. 6, $10,000,000.
Sewers—Golden City, Mo., Nov. 20, $30,000.
Sewers—Brownsville, Tex., Nov. 3, $50,000.
Sewers—Galt, Calif., Oct. 27, $45,000.
Sewerage System — Orillia, Ont., January, $65,000.
Irrigation—Donna, Tex., Donna Irrigation Dist., c/o H. Ridgeway, Mgr., $1,350,000.
Irrigation—Hidalgo County, Tex., Oct. 27, $1,500,000.
Irrigation—San Diego Calif., Tijuana River Irrigation Dist., $170,000.
Irrigation—El Centro, Calif., $2,100,000.
Paving — Corpus Christi, Tex., Nov. 10, $200,000.
Paving—Brownsville, Tex., Nov. 3, $200,000.
Roads — St. Marys, Grant Dist., W. Va., Nov. 6, $65,000.
Roads — Woods County, Okla., Nov. 6, $400,000.
Roads—Montague County, Tex., Nov. 3, $750,000.
Roads—Willacy County, Tex., $400,000. (Election Sept. 29 cancelled.)
Roads—Colorado, Nov. 6, $60,000,000.
Schools — Tallahassee, Fla., School Dist., $450,000.
High School—Reno, Nev. $225,000.
Court House—Olympia, Wash., Nov. 6, $275,000.
Schools—Long Beach, Calif., $3,000,000.
High School—Martinez, Calif., $300,000.
Park Improvements, etc.—Clinton, Ia., Nov. 6, $137,000.
Gas Mains—Newton, Ia., Nov. 6, $40,000.
Fire Alarm System, etc.—Glendale, Calif., $200,000.

Bonds Voted

Waterworks—Cache, Okla., $23,000.
Waterworks—Ness City, Kan., $63,000.
Sewers—Lyons, Ga., $25,000.
Irrigation—Bent County Colorado Irrigation Dist., Colo., $60,000.
Paving—Senatobia, Miss., $60,000.
Roads—Lavaca County, Tex., $350,000.
Roads—Polk County, Tex., $125,000.
Roads—Wharton County, Tex., $250,000.

Bonds Defeated

Waterworks—Arlington, Kan., $34,000.

Streets and Roads (Continued)

Ont., Oshawa—Asphalt paving Ritson Rd., 3 streets and 3 avenues, to Standard Paving Ltd., Central Chambers, Elgin St., Ottawa $60,000. Noted Oct. 18.

Ont., Ottawa—Bd. Control, concrete curbing, guttering, asphalt on concrete paving 12,000 sq.yd. Bronson Ave. and Rideau St., to Standard Paving Co., Central Chambers, Ottawa, $52,000, Glen Ave., to city, by day labor. Noted Oct. 4.

Ont., Toronto — **York Twp.**, asphalt on concrete paving Industry and Ray Aves., and asphalt paving Eileen Ave., to Constructing & Paving Co., Confederation Life Bldg., $46,686 — concrete sidewalks on Robina Ave., Everdeen Rd., Lingmuir Pl., and Winona Dr., to Prezio Bros., 141 Maria St., $3,517—Donald and Ypres Aves., to J. Simpson, 227 Wychwood Ave., $1,664. Grand total $51,867.

Ont., Toronto—Brick block on concrete paving St. Clair Ave. W. and 2 lanes, to Grant Contg. Co., 47 Wellington St. E., $25,145; concrete paving lane north of Gerrard St., to Mitchell Bros., 140 Pinewood Ave., $1,540. Grand total $26,685. Est. $26,000. Noted Oct. 18.

B. C., Point Grey—For 6 in. concrete paving, to Harrison & Lamond, 615 Hastings St. W., $27,414—to Hodgson, King & Marble, 626 Pender St. W., $13,300—to Armstrong, Morrison Paving Co., 553 Granville St., $12,145—to General Constr. Co. Ltd., 736 Granville St., $24,031—to Carter-Halls-Aldinger Co. Ltd., 500 Beatty St., $6,851—to Dawson, Wade & Co., 500 Beatty St., $5,862, all in Vancouver. Grand total $89,603.

Buildings—Industrial

Proposed Work

Mass., Leominster — SHOWROOM and REPAIR GARAGE — J. G. Petersen, 23 Hale St., brick, Main St. $45,000.

Conn., Norwalk — SHOWROOM and SERVICE STATION—Austin's Garage, 47 Railroad Ave., South Norwalk, sketches by Fletcher-Thompson, Inc., 542 Fairfield Ave., Bridgeport, brick, West Ave. $50,000.

N. Y., Brooklyn—FACTORY—Steel Tubes Inc., Scott and Maserole Ave. soon lets contract 1 story, brick factory, Scott Ave. and Montrose extension. $400,000. Austin Co., 120 Bway., New York, archt. Noted Sept. 27.

N. Y., Brooklyn—SERVICE GARAGE—Curtis Building Corp., J. S. Ramke, pres., 1710 Ocean Ave. plans by Kessler & Goldsmith, 4914 Church Ave. 70 x 217 ft., brick, concrete, Meeker and Vandervoort Aves. $40,000.

N. Y., Brooklyn—SERVICE GARAGE—Kram Realty Corp., 285 Madison Ave., New York, plans by Kliener & Klie, 250 Park Ave., New York, 6 story, 67 x 95 ft., brick, concrete, Union St. and 7th Ave. $200,000.

N. Y., Brooklyn—SERVICE GARAGE—J. Reilly, plans by H. E. Magnuson, 420 Lexington Ave., New York, 2 story, 60 x 131 ft. brick, concrete, Bergen St. and 6th Ave. $90,000.

N. Y., Brooklyn—SERVICE GARAGE—D. Saladino, 1307 Dean St. altering and 2 story top addition, Bergen St. and New York Ave. $100,000. F. Savignano, 6005 14th Ave., archt.

N. Y., Brooklyn—SERVICE GARAGE—Louis Sarkin, 1744 East 1st St., 2 story, 70 x 196 ft., brick, garage, Prospect and 6th Aves. $60,000. Cohn Bros., 361 Stone Ave., archts. Noted Sept. 27.

N. Y., Brooklyn—SERVICE GARAGE—Sherwood Holding Corp., c/o A. Norek, 66 Court St., plans by H. J. Nurick, 44 Court St., 45 x 95 ft., brick, concrete 7th Ave. and Union St. $70,000.

N. Y., East Buffalo (Buffalo P. O.)—CAR REPAIR SHOP—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, soon takes bids general contract car repair shops, East Buffalo Yards.

N. Y., New York — GARAGE — Phillip Weeks Estate, 225 West 106th St., altering 4 story storage building to garage, 136 East 41st St. $40,000.

N. Y., New York—GARAGE and SHOWROOM—Knickerbocker Ice Co., 414 East 53rd St., plans by W. Shary, 41 Union Sq., 2 story, brick, timber, 452 West 167th St. $40,000.

N. Y., New York — REFRIGERATION PLANT—Manhattan Refrigerating Co., T. A. Adams, pres., 525 West St., sketches by Gunwald Aus, 244 Madison Ave., refrigerating plant, 533 West St. $100,000.

N. Y., New York—SERVICE GARAGE—Estate of C. F. Hoffman, W. V. Hoffman, in charge, 258 Bway., plans by W. M. Farrar, 250 8th Ave., altering 5 story service garage, 43 East 10th St. $50,000.

N. J., Bloomfield—FREIGHT STATION and YARDS—Erie R.R. Co., R. C. Falconer, ch. engr., 60 Park Pl., Newark, 2 story, brick, freight station and yard, Bloomfield Ave. $150,000.

N. J., Jersey City—MACHINE SHOP and OFFICE—R. G. Maupai Co., 73 South St., 2 story, basement, brick, steel, plain found., 164-66 Central Ave. $50,000.

Pa., Oil City—MANUFACTURING—J. C. Black Mfg. Co., 1 story, 100 x 400 ft., brick, steel manufacturing plant. $60,000. Private plans.

Pa., Scranton—MANUFACTURING—B. Edmund David, Inc., 325 Alder St., plans by L. V. Lacy, 45 Owen St., Forty Fort, rein.-con., brick, steel silk mill, plain found., South Washington Ave. $75,000.

N. C., Albemarle — HOSIERY MILL — Wiscassett Mills Co., Albemarle, silk hosiery mill. $1,000,000.

N. C., Durham—HOSIERY MILL—W. J. Berry, Durham, full fashioned hosiery mill, incl. 6 full fashioned machines. $75,000.

N. C., High Point—HOSIERY MILL—Diamond Full Fashioned Hosiery Co., F. Wineskie, pres., plans by C. C. Hartman, Greensboro, 1 story, 150 x 150 ft., brick, steel, Southern Ave.

N. C., High Point—HOSIERY MILL—L. R. Terry, High Point, 1 story, 75 x 77 ft., brick, 250 pairs (ultimately 2,000 pairs) daily capacity, Hamilton and Clay Sts.

Ala., Birmingham—PLANT—Gulf States Steel Co., W. H. Cloverdale, pres., B. & M. Bldg., plant additions. To exceed $3,000,000.

Tenn., Cleveland — SILK MILL — Klein Bros., 130 Madison Ave., New York City, sketches 100 loom silk mill, 15,000 sq.ft. floor space. $100,000 excluding machinery.

Tenn., Sparta—SILK THROWING MILL—J. C. Welwood Corp., 2 Park Ave., New York, soon lets contract 1 story, basement, 100 x 300 ft., brick. $75,000. J. C. Robert & Co., Bona Allen Bldg., Atlanta, Ga., archts. Noted Sept. 20.

O., Akron—FACTORY—Genl. Tire & Rubber Co., C. J. Jahant, vice-pres., plans by Osborn Eng. Co., 7016 Euclid Ave., Cleveland, remodeling and constructing 2 and 4 story, brick, steel addition. $200,000.

O., Canton — OIL WAREHOUSE — Pure Oil Co., 246 North High St., Columbus, soon takes bids 2 story, basement, brick, 19th St. $50,000.

O., Canton—FACTORY—Timken Roller Bearing Co., soon takes bids two 1 story buildings, one 131 x 287 ft. $100,000, other addition to shipping plant, $50,000-$75,000, both on 18th St. S.W.

O., Mansfield—FACTORY—Mansfield Tire & Rubber Co. soon take bids 2 story factory. $60,000.

O., Wilberforce—POWER HOUSE—Bd. Trustees Wilberforce University, plans by H. R. Briggs, Ohio Hartman Bldg., Columbus, 47 x 85 ft., concrete, brick, 40 ft. high. $60,000.

Ind., Indianapolis — AUTOMOBILE — H. T. Hickey, General Motors Bldg., Detroit, Mich., soon lets contract 2 story, 120 x 232 x 267 ft. automobile building, West Pratt St. between canal and Big 4 Ry., for Argonaut Realty Co. $150,000. A. Kahn, Inc., Marquette Bldg., Detroit, Mich., archt.

Ind., Indianapolis—SERVICE STATION—Great Western Oil Co., 1602 Deloss St., plans by F. F. Hodges, 426 Hickox Bldg., Cleveland, O., 1 story, 25 x 40 ft., brick, steel. $42,000.

Mich., Flint — PIPE WAREHOUSE — Crane Co., 836 South Michigan Ave., Chicago, Ill., sketches 1 story, 105 x 105 ft., concrete, brick, steel, plain found. $50,000. Engineer and architect not selected.

Mich., Saginaw — FOUNDRY — Baker Perkins Co., Inc., Hess Ave., 1 story, 100 x 230 ft., rein.-con., brick, steel addition, plain found. Private plans.

Ill., East Peoria (br. Peoria)—PLANT—Altorfer Bros. sketches 100 x 600 ft., concrete, steel addition. $250,000.

Wis., Milwaukee—CANDY FACTORY—Sperry Candy Co., 140 Reed St., plans by C. Thoringer, Milwaukee, 5 story, 50 x 140 ft., concrete, brick, steel, Pittsburgh Ave.

Mo., Crystal City—PLANT—Pittsburgh Plate Glass Co., Frick Bldg., Pittsburgh, Pa., 2 story, 100 x 1.100 ft., concrete, brick, steel addition. $1,000,000. Private plans.

Ark., Fort Smith—CREAMERY—Quality Milk Co., c/o C. Ward, 201 North 10th St., sketches by Cable Eng. Co., Dallas, Tex., 2 story, 140 x 150 ft., creamery and pasteurizing plant, rein.-con., brick $60,000.

Ark., Paris—POWER HOUSE—Voted $40,000, altering and constructing power house addition for City, G. A. Hall, mayor.

Tex., Corpus Christi — COMPRESS — Aransas Compress Co., c/o J. K. Cain, pres., (3rd unit), compress plant caring for 30,000 bales cotton, containing high-density press. $175,000. Private plans.

Tex., Hearne—OIL PUMPING PLANT—Atlantic Co., oil pumping plant, 4½ mi. from here. $75,000 incl. machinery. Private plans.

Tex., Houston — FACTORY — Houston Coca Cola Bottling Co., 1210 Washington St., plans by Pringle & Smith, Norris Bldg., Atlanta, Ga., 2 story, 107 x 120 ft. factory, Capitol St. $80,000.

Colo., Alamosa—POWER PLANT—Pub. Serv. Co. of Colorado, 15th and Champa Sts. Denver, and H. L. Doherty & Co., 60 Wall St., New York, sketches 33 x 96 ft., brick, concrete power house 28 ft. high, turbine deveoping 1,500 kw., 500 hp. Sterling boiler. $140,000.

Wash., Seattle — FROG and SWITCH PLANT—Racor Pacific Frog & Switch Co., subsidiary of Ramapo Ajax Corp., J. B. Strong, mgr., 30 Church St., New York, 110 x 200 ft. main building, 1st Ave. S. at Hudson St. Total $400,000.

Calif., Culver City — FACTORY and SHOPS—See "Unclassified."

Calif., Eureka — SHOPS — State Hy. Comn., Sacramento, sketches by G. B. McDougal, state archt., Sacramento, concrete shops, storage and office buildings. $83,000.

Calif., Piru—PACKING PLANT—Piru Citrus Packing Co. plans by W. P. Sherherd, 15 South El Molino St., Pasadena, 1 story, 100 x 100 ft., rein.-con. addition.

Calif., San Francisco — LAUNDRY — North Star Laundry Co., Army and Howard Sts., plans by G. H. Jaehne, 1615 19th Ave., 2 story, brick, Army St. $40,000.

Calif., San Mateo — FACTORY — San Francisco Aircraft Specialty Corp. (J. R. Gilbert, 408 Warren Rd.), factory. To exceed $50,000. Engineer and architect not selected.

Que., Hull—FOUNDRY—A. H. Coplan, 7 Elemor Ave., Ottawa, soon takes bids addition. $150,000.

Que., Montreal — FACTORY — Fairchild Aviation Ltd., E. Wilson, pres., aeroplane factory, flying field. $250,000.

Que., St. Malo—GAS PLANT—Quebec Power Co., Quebec, gas plant addition, incl. generating unit capbale treating 80 tons coke per day, additional reservoir, 1,000,000 cu.ft. capacity. $500,000.

Ont., Ford City — PLANT — Chrysler Corp. of Canada, 181 Bloor St. E., Toronto, automobile plant. To exceed $1,000,000.

Ont., Orillia — REPAIR SHOPS — See "Unclassified."

Ont., Toronto — FACTORY — Dominion Radiator and Boiler Co., 1322 Dufferin St., rein.-con., brick, steel addition, plain found., Dufferin St. $300,000; also 1 and 2 story, brick, steel, stone addition to plant in Brantford, $200,000. Engineer and architect not selected.

B. C., Victoria—COLD STORAGE and TERMINAL WAREHOUSE—Cold Storage & Terminal Warehouse Co., c/o Foot & Wanger Bank of Nova Scotia Bldg., bids opened Oct. 15, not awarded to Tuney Bros. Ltd. This corrects report in Oct. 4 issue.

B. C., Point Grey—SUB-STATION—British Columbia Electric Ry. Co., 425 Carrall St., Vancouver, sub-station addition, incl. two 6,000 kw. transformer banks, 4 high tension oil circuit breakers. $140,000.

Bids Desired

Mass., Foxboro—POWER HOUSE—See "Contracts Awarded."

Conn., Fairfield—FACTORY—McKesson & Robbins Co., Grasmere St., taking bids 5 story, 100 x 200 ft., rein.-con., Grasmere St. $155,000. Fletcher-Thompson, Inc., 542 Fairfield Ave., Bridgeport, archts. Noted Oct. 18.

N. Y., Brooklyn—FACTORY—See "Contracts Awarded."

N. Y., Brooklyn — METAL REDUCING PLANT — Improved Cinder Co., 90 West St., New York, taking bids 2 story, 24 x 132 ft., Van Dam St. and Newtown Creek. $50,000. Kleinert & Klie, 250 Park Ave., New York, archts. Noted Sept. 27.

N. Y., Brooklyn—SERVICE GARAGE—See "Contracts Awarded."

N. Y., New York—BAKERY—See "Contracts Awarded."

N. Y., Ossining—INDUSTRIAL—Nov. 15, by Commissioner Dpt. Correction, 11 North Pearl St., Albany, industrial building, at Sing Sing Prison; adv. E. N.-R. Oct. 25.

N. J., Jersey City—WAREHOUSE and FREIGHT TERMINAL—Oct. 30, by Delaware, Lackawanna & Western R.R. Co., 90 West St., New York, G. J. Ray, ch. engr., Hoboken, general contract 1 and 8 story, 162 x 848 ft., rein.-con., Jersey Ave. and Grove St. $1,000,000.

N. J., Newark—RUG FACTORY—F. P. Friedman, archt., 395 Springfield Ave., taking bids general contract 2 story, basement, 50 x 100 ft., brick, steel addition, plain found., 416 Morris Ave., for Shapiro & Son, c/o architect. Noted Oct. 18.

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Buildings—Industrial (Continued)

N. J., Ocean City—ICE STORAGE—American Ice Co., 121 North Broad St., Phila., Pa., taking bids general contract 2 story, basement, brick, plain found., 12th and Haven Aves. $40,000. Private plans.

Pa., Phila.—RADIO FACTORY—Oct. 29, by Ballinger Co., archts., 12th and Chestnut Sts., 1 story, 515 x 911 ft., brick, steel, plain found., Wissahickon Ave. and Abbotsford Rd., for A. Atwater Kent, Wissahickon Ave and Abbotsford Rd.

Pa., Trafford—MANUFACTURING—See "Contracts Awarded."

Mich., Detroit—PLANT—A. Kahn, archt., 1000 Marquette Bldg., taking bids and open same about Nov. 2, 2 and 3 story, 575 x 700 ft., rein.-con., brick, steel, plain found., East Warren Ave., for Briggs Mfg. Co., 11631 Mack St.

Mich., Lansing — FACTORY — Motor Wheel Corp., Ferris and Larch Sts., taking bids 1 story, 200 x 400 ft., and 100 x 400 ft., brick, steel buildings, plain found., Ferris St.

Mich., Saginaw—FACTORY—Cowles & Mutscheller, archt., 114 North Washington Ave., taking bids 1 story, 30 x 270 ft., rein.-con., brick, steel, plain found., Rust St., for Wilcox Products Div., Wilcox-Rich Corp. $50,000.

Wis., Cudahy — PACKING PLANT — Henscher & McLaren, archts., 1637 Prairie Ave., Chicago, Ill., taking bids steel for 2 or 3 story brick, rein.-con., tank and beef house additions, for Cudahy Bros. $125,000.

Mo., St. Louis — FACTORY, WAREHOUSE and OFFICE — See "Contracts Awarded."

Mo., St. Louis — SERVICE GARAGE — See "Contracts Awarded."

Tex., Crane—GASOLINE PLANT—See "Contracts Awarded."

Contracts Awarded

Vt., Burlington—BAKERY—Fraser Baking Co., 50 Cherry St., 1 story, 100 x 145 ft., brick, steel, to V. A. Bergeron, 78 North Prospect St. Est. $40,000. Noted Oct. 11.

Mass., Brockton—GARAGE and REPAIR SHOP—Brockton Gas & Light Co., G. H. Priest, mgr., 54 Main St., 1 story, 125 x 125 ft., brick, steel, plain found., to T. F. Crowell & Sons, 21 South St., Boston. Est. $50,000. Noted Oct. 4.

Mass., Cambridge (br. Boston)—ENGINE TESTING LABORATORY—Massachusetts Institute of Technology, Massachusetts Ave., 1 story, 65 x 155 ft., brick, limestone, Vassar St. and Massachusetts Ave., to Chase & Gilbert, 250 Stuart St., Boston.

Mass., Charlestown (sta. Boston) — MANUFACTURING and GARAGE—J. W. Gately & Sons Co., 45 Harvard Sq., 2 story, 60 x 70 ft., rein.-con., brick, concrete found., Washington St., to F. J. Gallagher & Co., 580 Huron Ave., Cambridge. Est. $40,000.

Mass., Chelsea (br. Boston)—FACTORY—Raffi & Swanson, 22 Custom House, Boston, 1 story, 50 x 65 ft., brick, rein.-con., steel, plain found., to Concrete Constr. Co., 11 Garfield Ave. Est. $40,000. Noted Oct. 4.

Mass., Foxboro—POWER HOUSE—Commonwealth of Massachusetts, Dpt. Mental Diseases, 1 story, brick, rein.-con. addition, plain found., at State Hospital, day labor. $40,000. McLaughlin & Burr, 88 Tremont Sts., Boston, archts. Noted July 5.

Mass., Pittsfield—PLANT—Maple Wood Cleaners & Dyers, 438 North St., 1 story, basement, brick, steel, plain found., Dalton Ave., to J. R. Hampson & Co., Inc., 184 North St. Est. $40,000.

Conn., New Haven — PUBLISHING PLANT and OFFICE—New Haven Register, 88 Crown St., 2 story, 63 x 212 ft., brick, concrete, to H. Wales Lines Co., 134 State St., Meriden. Est. $150,000. Noted Sept. 20.

N. Y., Brooklyn—FACTORY—Metropolitan Constr. Co., 577 Metropolitan Ave., 3 story, Metropolitan Ave. and Catherine St., separate contracts. $45,000. Lospig & Saenfeld, 269 Bway., New York, archts.

N. Y., Brooklyn—SERVICE GARAGE—Weisbraun Realty Corp., S. Brauon, 435 Beach 36th St., Edgemere, 1 story, 150 x 175 ft., service garage, Erasmus St. Separate contracts. $70,000. H. J. Nurick, 444 Court St., archt. Noted Sept. 27.

N. Y., Brooklyn—OIL STORAGE TANKS—Sinclair Refining Co., 45 Nassau St., New York, tanks for oil storage, to Fisher-Williams, 103 Park Ave., New York. Est. $60,000. Noted Oct. 4.

N. Y., Great Neck—SERVICE GARAGE—Westmoreland Holding Corp., A. Van Nostrand, in charge, service garage and showroom, 262nd St. and North Hempstead Rd., to F. P. Russo, 93 Amity St., Flushing. Est. $60,000.

N. Y., New York — BAKERY — Dabross Building Corp., 277 Bway., A. Mostoff, pres., bakery, 172nd St. and Rosedale Ave., separate contracts. $40,000. Franklin Bates & Heindsmann, 2526 Webster Ave., archts.

N. Y., New York — FACTORY — C. H. Schultz Corp., 430 1st Ave., 5 story factory, 50-64 Perry St., to Barney Ahlers Constr. Co., 110 West 40th St. Est. $100,000.

N. Y., New York—WAREHOUSE—New York Steam Corp., 280 Madison Ave., 9 story, 46 x 100 ft. warehouse, East River and 36th St., to Turner Constr. Co., Graybar Bldg.

N. Y., Tonawanda — FACTORY — Natl. Grinding Wheel Co., A. Russ, pres., 2984 Main St., Buffalo, 2 story, 40 x 100 ft., and 1 story, 80 x 100 ft. factory, and 1 story office buildings, Erie Ave., to L. A. Harding Constr. Co., 1335 Main St., Buffalo, $70,000. Noted July 26.

N. J., Jersey City—MACHINE SHOP—J. T. Rowland, archt., 30 Journal Sq., general contract 2 story, 35 x 132 ft., brick, steel addition, plain found., 51-67 Fairmount Ave., to Peter Redfern & Sons Co., 569 Jackson Ave., for C. Mundt & Sons, 53 Fairmount Ave. Est. $40,000. Noted Sept. 20.

N. J., Morristown — REPEATER STATION—Voorhees, Gmelin & Walker, archts. 101 Park Ave., New York, general contract 4 story, basement, 45 x 75 ft., brick, steel, plain found., to Bontempo & D'Annunzio, Inc., 8 Flaga St., for American Telephone & Telegraph Co., 195 Bway., New York. Est. $100,000. Noted Sept. 27.

N. J., Piscatawaytown—METER and COMPRESSOR—Pub. Serv. Electric & Gas Co., Terminal Bldg., Newark, general contract 1 story, basement, 50 x 100 ft., brick, steel, plain found., to G. B. Rule, Inc., 71 John St., New Brunswick. Est. $40,000. Noted Oct. 11.

Pa., McKeesport—OPERATING HEADQUARTERS—Duquesne Light Co., 435 6th Ave., Pittsburgh, general contract 1 and 2 story, basement, brick, concrete, steel, to W. F. Trimble & Sons, 1719 Penna Ave., Pittsburgh. Est. $250,000.

Pa., Pittsburgh — BAKERY — J. Brown, 2833 Bway., Dormont, Pittsburgh, general contract 2 story, basement, 100 x 120 ft., brick, steel, West Liberty Ave. $50,000. Owner builds. Fishels Bakery, 5th Ave., lessee.

Pa., Pittsburgh—FREIGHT HOUSE—Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad Street Sta., Phila., general contract 1 and 2 story, 100 x 119 ft., brick, steel, 16th St., to W. F. Trimble & Sons, 1719 Penna Ave. Est. $500,000.

Pa., Trafford — MANUFACTURING — Westinghouse Electric & Mfg. Co., East Pittsburgh, 1 story, 60 x 500 ft. and 100 x 450 ft., brick, steel, separate contracts. $150,000. B. H. Prack, Martin Bldg., Pittsburgh, archt.

Va., Norfolk — BAKERY — C. B. Comstock, archt., 110 West 40th St., New York, 1, 2 and 3 story, 235 x 300 ft., brick, terra cotta, fireproof, to R. R. Richardson & Co., Natl. Bank Commerce Bldg., for General Baking Co., 420 Lexington Ave., New York. $200,000. Noted Sept. 27.

N. C., Asheville—RAYON PLANT—American Enka Corp., A. F. L. Moritz, vice-pres., 114 East 32nd St., New York, general contract rayon plant on 75 acre tract to H. K. Ferguson Co., Hanna Bldg., Cleveland, O.; grading for above to Nichols Contg. Co., 1281 La France St., N.E., Atlanta, Ga. Est. $10,000,000. Noted Oct. 4.

Ga., Rome—RAYON PLANT—American Chatillon Corp., 394 7th Ave., New York, general contract 2nd unit, consisting 4 rein.-con., brick, steel buildings, to Hughes-Foulkrod Co., Commonwealth Bldg., Phila., Pa. Noted Aug. 23.

O., Cleveland—FACTORY—D. O. Williams, Galion, 1 story, 70 x 73 ft., brick, steel, 1800 East 38th St., to R. Hansen Constr. Co., 2952 Litchfield Rd. Est. $40,000.

O., Cleveland—FACTORY and STORE—W. A. Wendler Antique Shop, 2120 East 83rd St., 2 story, 37 x 60 ft. factory, and 1 story, 40 x 40 ft. store, brick, steel, 7908 Carnegie Ave., to A. H. Binns Co., 2504 Carnegie Ave. Est. $40,000.

O., Cleveland—MACHINE SHOP—Buckeye Froging Co., J. W. Baxter, pres., 10205 Harvard Ave., 1 story, 60 x 120 ft., brick, steel, 10205 Harvard Ave., to Dresser Co., The Arcade. Est. $40,000.

O., Wooster—FACTORY—Wooster Rubber Co., 1 story, concrete, brick, steel, East Bowman St., to O. A. Lowe, Wooster, $40,000.

Ind., Columbia City—POWER PLANT—City, L. L. Essig, clk., general contract brick, steel, to G. A. Walters, Columbia City. Est. $45,000.

Ind., Connersville — FACTORY—Auburn Auto Co., general contract 1 story, 80 x 100 ft., rein.-con., brick, steel, to Austin Co., 16112 Euclid Ave., Cleveland, O. Est. $75,000.

Ind., Crawfordsville — FACTORY — Mid-States Steel Co., general contract 1 story, 85 x 250 ft., brick, steel, Oak St., to Warner & Wert, Crawfordsville; steel work, to Central States Bridge & Structural Co., 801 Beecher St., Indianapolis, Est. $50,000.

Ind., South Bend—FACTORY—Studebaker Corp., general contract 1 story, 62 x 302 ft., brick, steel, Sample St., to R. Sollitt & Sons, 518 East Sample St. Est. $75,000. Noted Sept. 27.

Mich., Detroit—FACTORY and OFFICE—C. H. McAleer Mfg. Co., 4718 Burlingame Ave., 1 and 2 story, 105 x 200 ft., concrete, brick, steel, plain found., Lyndon Ave., to M. Bartholomaei Son & Co., 1574 East Warren Ave. Est. $60,000.

Mich., Jackson—FACTORY—Frost Gear & Forge Co., 1 story, 100 x 160 ft., and 2 story, 50 x 100 ft. concrete, brick, steel additions, plain founds., South Horton St., to North Moeller Co., 120 Cortland St. Est. $75,000.

Mich., Lansing—WHEEL FACTORY—Motor Wheel Corp., Saginaw St., 1 story, 220 x 220 ft., rein.-con., brick, steel addition, plain found., May Ave., to H. G. Christman Co., Porter Apartment Bldg. Est. $75,000.

Ill., Carbondale — FACTORY — C. T. Houghton & Co., 116 West 3rd St., Cincinnati, O., 2 story, 99 x 108 ft., brick and concrete. $50,000. Owner builds. Noted June 21.

Ill., Chicago — FACTORY — Stewart Warner Speedometer Co., 1828 Diversey Parkway, masonry and carpentry contract 10 story, 88 x 103 ft., 2825 North Lincoln St., to J. Jensen & Son, 940 North Lorel Ave. Est. $300,000.

Ill., Chicago—LAUNDRY—Dalys Laundry, 17 West Pearson St., 2 story, 48 x 100 ft., 1113-15 Center St., to Chicago Industrial Constr. Co., 53 West Jackson Blvd. Est. $40,000.

Ill., East St. Louis—AIRPLANE FACTORY—Parks Airlines Inc., Missouri Theatre Bldg., St. Louis, Mo., (1st unit) 1 story, 100 x 560 ft., rein.-con., steel, near here, to St. Louis Structural Steel Co., 57th St. and Baltimore & Ohio R. R. Est. $200,000. Noted July 26.

Ia., Des Moines — FACTORY — Standard Biscuit Co., E. B. Bushnell, pres., 401 Southwest 8th St., 2 story addition, 8th and Tuttle Sts., to Sugarman Constr. Co., 725 Tuttle St. Est. $45,000.

Ia., Sioux City—FACTORY—Albertson Co., 4 story, basement, 40 x 150 ft., rein.-con., brick, addition, plain found., to W. A. Klinger, Inc., 508 Wamoch Bldg., $42,000.

Neb., North Platte — PRODUCE and FEEDING PLANT—Swift & Co., Packers and Exchange Aves., Chicago, Ill., 4 story, basement, 88 x 109 ft., rein.-con., brick, to R. Collins, 703 Davidson Bldg., Kansas City, Mo. Est. $100,000.

Mo., Kansas City — WAREHOUSE — Skelly Oil Co., 2605 Walnut St., 4 story, basement, 60 x 160 ft., brick, rein.-con., tile, 25th St. and Madison Ave., to L. Bretiag & Son, 232 Ry. Exch. Bldg. $100,000.

Mo., Springfield—BAKERY—C. J. Patterson Corp., 4050 Penn St., Kansas City, 1 story, basement, 96 x 130 ft., rein.-con., brick, 828 St. Louis St., to Fogel Constr. Co., 619 Reliance Bldg., Kansas City. Est. $50,000.

Mo., St. Louis — FACTORY, WAREHOUSE and OFFICE—N. O. Nelson Mfg. Co., 928 Chestnut St., 2 story, basement, 150 x 257 ft., rein.-con., brick, 3406-16 Duncan Ave., separate contracts, under supervision P. J. Bradshaw, archt., 718 Locust St. $200,000. Noted Sept. 20.

Mo., St. Louis—SERVICE GARAGE and SALES—B. S. Lang, c/o W. S. Frank, archt., 901 Century Bldg., 3 story, basement, 69 x 175 ft., rein.-con., brick, 2310-18 Olive St., separate contracts under supervision of architect. $100,000.

Tex., Crane — GASOLINE PLANT — Phillips Petroleum Co., Bartlesville, Okla., gasoline plant near here, day labor under supervision company's superintendent. $100,000. Private plans.

Wash., Seattle — STEAM POWER PLANT—Puget Sound Power & Light Co., W. H. McGrath, vice-pres., Stuart Bldg., (1st unit) 35,000 kw. generating plant, on Lake Washington, to Stone & Webster, Stuart Bldg., $5,000,000. Total $25,000,000.

Calif., San Francisco — PAINT FACTORY—R. N. Nelson, 151 Potrero Ave., rein.-con. factory addition Potrero Ave. and 15th St., to K. E. Parker, 135 South Park St. $100,000.

Ont., Chippawa—FACTORY—Norton Co. of Canada, N. Wilson, mgr., 1 story, 50 x 150 ft., steel, tile addition, to Smith Bros., 1740 Ellen St., Niagara Falls. Est. $50,000.

Ont., Toronto—WAREHOUSE—Victoria Paper & Twine Co. Ltd., general contract 3 story, basement, rein.-con., brick, steel, plain found., Fleet St., to Toms Contg. Co., foot of Cherry St. Est. $150,000.

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Buildings—Industrial (Continued)

Man., Winnipeg—FREIGHT CAR SHOPS—Canadian Pacific Rys., Windsor Sta., Montreal, Que., J. M. R. Fairbarn, ch. engr., general contract 305 x 317 ft., brick, steel addition, concrete found., to Claydon Co. Ltd., 708 Confederation Life Bldg. Est. $400,000.

Buildings—Commercial

Proposed Work

Mass., Boston—HOME—City, Hospital Dpt., convalescing home for men, hospital grounds. $150,000 or more. Engineer and architect not selected.

Mass., Boston—STORE and OFFICE—F. W. Woolworth Co., Park Sq. Bldg., 4 story, basement, brick, steel, plain found., 488-494 Washington St. through to Bedford St. To exceed $150,000. Private plans.

Mass., Brockton—APARTMENT—Owner, c/o G. Falk, archt., 152 Main St., 3 story, basement, 70 x 100 ft., brick, stone, plain found. $150,000.

Conn., Bridgeport—EXCHANGE—Southern New England Telephone Co., 157 Church St., New Haven, soon lets contract 10 story, 92 x 146 ft., brick, steel, Courtland St. $3,000,000. R. W. Fotte, 185 Church St., New Haven, archt. Noted Feb. 2.

Conn., Stamford — BANK — First Natl. Bank, C. W. Bell, pres., 303 Main St., brick, steel, Atlantic and Broad Sts. To exceed $150,000. Engineer and architect not selected.

N. Y., Brooklyn—APARTMENT—Brightwater Building Corp., M. Leibowitiz, pres., 50 Court St., plans by Cohn Bros., 361 Stone Ave., 6 story, 90 x 200 ft., brick, timber, East 4th and Brightwater Court, $325,000. Cohn Bros., 361 Stone Ave., archts.

N. Y., Brooklyn — TEMPLE — Order of Eastern Star, W. Godnick, in charge, 32 Court St., temple. $500,000.

N. Y., New York—Y. M. C. A., 420 Lexington Ave., plans by D. J. Baum, Spuyten Duyvil Parkway and Waldo Ave., 14 story, 125 x 260 ft., brick, steel, 3-11 West 63rd St. $1,500,000. Noted Dec. 12.

N. Y., Utica—CLUB—Y. M. C. A., c/o F. L. Thornsberry, 726 Washington St., plans by Bagg & Newkirk, 258 Genesee St., club. $800,000.

N. Y., West New Brighton—HOSPITAL—Sisters of Charity of St. Vincent, Mount St. Vincent on Hudson, soon lets contract hospital, Castleton and Bard Aves. $1,000,000. Ditmars & Reilly, 111 5th Ave., New York, archts.

N. Y., Yonkers—HOSPITAL—St. Johns Riverside Hospital, Ashburton Ave., plans by G. P. Butler, Jr., 40 East 49th St., New York, 6 story hospital. $500,000.

N. J., Atlantic City—APARTMENT—L. Mellon, c/o J. Decker, archt., 14 Northfield Ave., West Orange, sketches 5 story, basement, 50 x 115 ft., brick, steel, plain found., States Ave. $150,000.

N. J., Atlantic City—APARTMENT—E. Silade, c/o J. Decker, archt., 14 Northfield Ave., sketches 10 story, basement, 58 x 114 ft., brick, steel, plain found., Chelsea St. and Atlantic Ave. $300,000.

N. J., Bloomfield—BANK and OFFICE—Bloomfield Trust Co., 330 Glenwood Ave., sketches by Uffinger, Foster & Book-Walter, 221 West 57th St., New York, brick, steel, plain found., Broad St. and Bloomfield Ave. $1,000,000. Noted June 14.

N. J., East Orange — APARTMENT — Washington Towres, Inc., c/o M. Fischer, archt., 564 Main St., 6 story, basement, brick, steel, plain found., Washington St. $400,000. Noted Oct. 18.

N. J., Irvington (br. Newark) — TOWN HALL — Bd. Town Comrs., Town Hall, revised sketches by Guilbert & Betelle, 297 Market St., Newark, 3 story, basement, brick, steel, plain found. $600,000. Noted Mar. 22.

N. J., Jersey City—APARTMENT—A. A. Bernstein, 591 Park Ave., West New York, plans by G. B. McIntyre, 608 Park Ave., West New York, 4 story, basement, brick, steel, plain found., Summit Ave. and Hoyt St. $150,000. Noted Oct. 18.

N. J., Jersey City—APARTMENT—B. Clott, 129 Stevens Ave., plans by M. Kraut, 3010 Hudson Blvd., 5 story, basement, 86 x 125 ft., brick, steel, plain found., 115-117 Fairview Ave. $150,000. Noted Oct. 4.

N. J., Jersey City—ARMORY—State Military Board, Capitol, Trenton, plans by J. O. Hunt, Trenton, and H. A. Kelly, 921 Bergen Ave., associated archts., 4 story, basement, brick, steel, plain found., Mercer, Summit and Jordon Aves., $1,500,000.

N. J., Leonia—APARTMENT—D. I. M. Corp., R. DeConsoli, secy. and treas., 59 Bergenline Ave., Guttenberg, 5 story, basement, brick, steel, plain found., Grand Ave. and Christie St. $250,000. Engineer and architect not selected.

N. J., Linden — CITY HALL and LIBRARY—Bd. City Comrs., City Hall, sketches 2 story, basement, brick, plain found., Elm St. and Wood Ave. $150,000.

N. J., Montclair—LOFT and STORE—Owner, c/o A. E. Ramhurst, 506 Bloomfield Ave., Montclair, sketches 3 story, basement, brick, steel, Bloomfield Ave. $150,000.

N. J., Newark—APARTMENT—A. Lipton, 13 Broad St., Bloomfield, plans by Kasoff & Flatt, 164 Market St., 5 story, basement, 75 x 100 ft., brick, steel, plain found., Franklin St. $150,000.

N. J., Newark—BUSINESS—Owner, c/o A. Peter, archt., 207 Market St., sketches 3 story, basement, brick, steel, plain found. $150,000.

N. J., Newark—GARAGE—New Jersey Bell Telephone Co., 1060 Broad St., soon lets contract 2 story, brick, 9-15 Orange St. $150,000. Voorhis, Gmelin & Walker, 101 Park Ave., New York, archts.

N. J., Newark—HOTEL—Ace Constr. Co., c/o Simpson & Rolston, archts., 45 Walnut St., revised plans 8 story, basement, 50 x 85 ft., brick, steel, plain found., 240 Mt. Prospect Ave. $150,000. Noted Oct. 18.

N. J., Newark — OFFICE — E. M. Waldron, 40 Park Pl., 96 x 100 ft. brick, steel, plain found., Park Pl. $250,000. Engineer and architect not selected.

N. J., Newark—THEATRE and STORES—Newark Motion Picture Guild, c/o H. M. Sohn, archt., 164 Market St., sketches 2 story, tower, brick, steel, Broad St. and Washington Park. $150,000.

N. J., Orange—BANK and STORES—Orange National Bank, 282 Main St. sketches by E. H. Fougner, 197 Market St., Newark, 2 story, basement, 65 x 120 ft., brick, steel, plain found., South Center St. and Central Ave. $150,000.

N. J., Orange—OFFICE and STORE—F. J. Murray, 142 Cleveland St., plans by E. H. Fougner, 197 Market St., Newark, 2 story, basement, 120 x 130 ft., brick, steel, plain found., Main and Day Sts. $150,000.

N. J., Red Bank — APARTMENT — H. Whitfield, Red Bank, 3 story, basement, brick, steel, plain found., Wallace St. near Broad St. $150,000. Private plans.

N. J., Roselle (Ind. br. Elizabeth)—APARTMENT—K. E. F. Constr. Co., c/o W. Finne, archt., 91 Broad St., sketches 3 story, basement, 70 x 100 ft., brick, steel, plain found., Watson Ave. and Vine St. $150,000.

N. J., Spring Lake Beach—HOTEL—W. B. Stubbs, 3 story, basement, brick, steel, plain found., Ocean and 1st Aves. $150,000.

N. J., West New York—APARTMENT—See "Contracts Awarded."

N. J., West New York—OFFICE and SHOWROOM—Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, plans by Pub. Serv. Production Co., 80 Park Pl., Newark, 2 story, basement, brick, steel, plain found., 5th St. and Murphy Pl. $150,000.

N. J., West Orange—HOTEL and CLUB—Owner, c/o S. Singer & A. Brach, 60 Park Pl., Newark, sketches brick hotel and club $150,000.

Pa., Butler—OFFICE—American Rolling Mills Co., Middletown, O., plans by Jannsen & Cocken, Century Bldg., Pittsburgh, 3 story, brick, steel office building. $200,000.

Pa., Media—COURT HOUSE—Deleware Co., H. M. Birney, pres. of Board, bids probably in November, court house, Front and South Sts. $1,125.000. C. W. Brazer, 1133 Bway., New York, and Chester, Pa., archt.

Pa., Phila.—CLUBHOUSE and OFFICE — Manufacturers Club, F. V. Anderson, Broad and Walnut Sts., plans by Simon & Simon, Philadelphia Fidelity Bldg., 22 story, rein.-con., brick, steel, plain found. $5,000,000. Noted Oct. 11.

Pa., Phila. — RESTAURANT — Horn & Hardart Co., 204 South Warnock St., plans by R. A. Bencker, 13th and Chestnut Sts., 2 story, basement, 47 x 154 ft., brick, steel, plain found., 1813-17 East Allegheny St.

Pa., Washington—Y. W. C. A. plans by R. G. Dickson, 6200 Penn Ave., Pittsburgh, 4 story, basement, brick, steel, West Maiden St. $200,000.

Del., Wilmington — APARTMENT — O. Phillips, 4020 Winchester Pl., Atlantic City, N. J., plans by W. E. Hance, Equitable Bldg., 10 story, basement, 44 x 120 ft., rein.-con., brick, steel, plain found., Jefferson and 10th Sts. $350,000.

D. C., Wash. — HOSPITAL — H. C. McGuary, archt. 1601 12th St. N. W. revised plans addition to Casualty Hospital, Massachusetts Ave. $200,000. Former bids rejected. Noted Oct. 4.

D. C., Wash. — HOTEL — Bellview Co., 1010 Vermont Ave. N. W., taking bids general contract hotel, E St. $800,000. Pierson & Wilson, Hill Bldg., archts. Noted Sept. 20.

Fla., Tampa—MEDICAL ARTS—Schumacher & Winkler, archts. and engrs., 705 Peninsular Telephone Bldg., soon take bids 10 story, basement, 50 x 60 ft., rein.-con., brick, tile, for W. A. Binnie, 3311 East 7th St. $300,000. Noted Sept. 6.

Ala., Birmingham—COURT HOUSE and JAIL—Jefferson Co. Court House Comn., plans by Holabird & Root, 333 North Michigan Ave., Chicago, Ill., and soon takes bids 9 story, 180 x 280 ft., rein.-con., stone, North 21st St. $3,000,000. H. B. Wheelock, Steiner Bldg., consult. archt. Noted June 14.

Miss., Hattiesburg—HOTEL—Syndicate, c/o Secretary Chamber of Commerce, plans by G. D. Barnett, 913 Syndicate Trust Bldg., 9 story, basement, 46 x 160 ft., rein.-con., brick, terra cotta. $500,000. E. C. Herron, Hattiesburg, associate archt.

Tenn., Nashville—BANK and OFFICE—Fourth & First Natl. Bank, 326 Union St., bids probably in December, 15 story, 85 x 100 ft., steel, stone. $800,000. Ludlow & Peabody, 101 Park Ave., New York, archts.

O., Cincinnati — APARTMENT — S. Broock & M. Kling, Southern Ohio Bank Bldg., plans by J. Rueckert, 42 Blymeyer Bldg., 3 story, basement, rein.-con., brick, plain found., Mitchell St. $175,000.

O., Cincinnati — APARTMENT — M. Fischer, 603 Gwynne Bldg., plans by W. Firth, 603 Gwynne Bldg., 3 story, basement, rein.-con., brick, plain found., McMillan St. $250,000.

O., Cleveland—APARTMENT—I. Cadkin, 3610 East 147th St., sketches by L. A. Wasserstrom, Auditorium Garage Bldg., 3 story, basement, 37 x 123 ft., brick apartment. $150,000.

O., Cleveland — BANK and OFFICE—Pearl Street Savings & Loan Co., H. W. Stecher, pres., West 25th St. and Clark Ave., plans by Walker & Weeks, 2341 Carnegie Ave., 2 and 4 story, brick, steel, concrete, West 25th St. and Clark Ave. $200,000.

O., Cleveland Heights (mail Cleveland)—STORE and APARTMENT—B. D. Roseman, 14628 South Woodland Rd., plans by M. Weis, Union Bldg., Cleveland, 4 story, basement, brick, timber. $250,000.

O., Cleveland Heights (mail Cleveland)—STORE and APARTMENT—Lee-Kinsman Co., W. E. Newcomb, pres., 1532 Keith Bldg., Cleveland, plans by Small & Rowley, Terminal Tower Bldg., Cleveland, 2 story, basement, brick, steel, stone, Lee and Kinsman Rds. $150,000.

O., Dayton—MEDICAL CLINIC—Dayton Clinic, Inc., c/o A. R. Arn, Fidelity Medical Bldg., soon take bids 2 story, basement, 52 x 78 ft., brick, stone, plain found., incl. garage, Wyoming Ave. $150,000.

Ind., Hammond—APARTMENT—Whiting & Hammond Corp. plans by L. H. Warriner, 743 Washington St., Gary, 3 story, basement, 125 x 135 ft., rein.-con., brick, Atchison and 119th Sts. $300,000.

Ind., LaPorte—AUDITORIUM—M. Fox, 1508 Indiana Ave., plans by J. J. Davey, 431 South Dearborn St., Chicago, Ill., 2 story, basement, brick, steel, stone auditorium and gymnasium. $200,000. N. Rich, 431 South Dearborn St., Chicago, Ill., engr.

Ind., Muncie—BANK—Merchants Bank, F. Bernard, pres., plans by McGuire & Shook, North Meridian St., Indianapolis, brick, steel bank. $150,000.

Ind., Vincennes—HOTEL—Grand Hotel Co. plans by J. W. Gaddis, 608 Amer. Natl. Bank Bldg., 6 story, basement, 45 x 125 ft., rein.-con., brick, stone, 3rd and Busseron Sts. $250,000.

Mich., Detroit—CLUB—Millar Temple Assn., c/o S. E. Remey, archt., 1140 Griswold St., 4 story, basement, 100 x 102 ft., rein.-con., brick, steel, plain found., Kercheval Ave. $150,000.

Mich., Detroit—COMMUNITY—Nov. 1, by C. E. Brewer, comr. Dpt. Recreation, 504 Elmwood Ave., 2 story, basement, rein.-con., brick, steel, plain found., Brewster St. $150,000. G. W. Graves, 233 John R St., archt.

Mich., Lansing — HOSPITAL — Bd. Supervs. Ingham Co. plans by Kidner & Rosenfeld, 155 East 42nd St., New York, and Bond & Munson, assoc. archts., 409 Wilson Bldg., hospital, Washington St. $300,000. Noted May 3.

Ill., Chicago—CLUB and APARTMENT—H. E. Foster, 18 North Walton Pl., plans by B. H. Marshall, 612 Sheridan Rd., 18 story, basement, 50 x 200 ft., 18 West Walton Pl., for H. E. Foster, 18 West Walton Pl. $1,500,000.

Wis., Milwaukee — APARTMENT — Owner, c/o G. Zagel & Bro., archts., 144 East Wells St., 6 story, basement, 60 x 105 ft., rein.-con., brick, steel, Jackson St.

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Buildings—Commercial (Continued)

Kan., Salina—OFFICE—United Life Insurance Co., bids early in 1929, 7 story, basement, 48 x 120 ft., rein.-con., brick, terra cotta, 7th and Iron Aves. $23,000. C. S. Shaver, 147½ Santa Fe St., archt. Noted Sept. 13.

Neb., Lincoln—COMMERCIAL—Bruce-Burtleff et al, 1325 K St., sketches 4 story, basement, 100 x 142 ft., rein.-con., brick, 13th and M Sts. $200,000.

Mo., Kansas City—APARTMENT—W. R. Jewell Realty Co., 423 Chambers Bldg., sketches by P. Drotts, 423 Reliance Bldg., 6 story, basement, 50 x 128 ft., rein.-con., brick, 1410 Central Ave. $250,000.

Tex., Baird—COURTHOUSE—Callahan Co., plans by Voelcker & Dixon, 207 Perkins Snider Bldg., Wichita Falls, 3 story, part basement, brick, stone, concrete courthouse. $150,000.

Tex., Del Rio—HOSPITAL—G. W. Cox fireproof hospital. $150,000. Engineer and architect selected soon.

Okla., Altus—HOTEL—Abbott Hotel Co. plans by E. H. Eads, 1st Natl. Bank Bldg., Chickasha, 4 story, basement, 75 x 140 ft., rein.-con., brick, stone, plain found. $180,000.

Okla., Oklahoma City—GARAGE—H. A. Heckard, 11 West Main St., plans by Layton, Hicks & Forsythe, 906 Baniff Bldg., 6 story, basement, 100 x 140 ft., rein.-con., brick, stone. $150,000.

Okla., Tulsa—OFFICE—Morris Plan Co., 202 West 4th St., sketches office building 4th and Boulder Sts. $175,000.

Colo., Pueblo—HOTEL—B. A. Shomaker, Box 111, soon lets contract 4 story, basement, 80 x 100 ft., brick, stone, steel, concrete, 9th and Main Sts. $200,000. W. DeMordaunt, 738 1st Natl. Bank Bldg., archt. Noted Aug. 16.

Colo., Pueblo—OFFICE—Railway Savings & Building Assn., c/o T. L. Lewis, 120 West 5th St., plans by W. DeMordaunt, 738 1st Natl. Bank Bldg., brick, steel, terra cotta, concrete, incl. vaults and banking facilities, West 5th St. between Main St. and Santa Fe Ave. $150,000.

Nev., Reno—HOTEL—G. Wingfield, fireproof addition to Golden Hotel. $150,000 or more.

Calif., Berkeley—APARTMENT—Owner, c/o G. L. Brown, archt., Amer. Bank Bldg., Oakland, 5 story, basement, brick, concrete, north of University Campus. $150,000.

Calif., Bishop — HOTEL — M. Boadway plans by C. F. Whittlesey, archt., 618 South Western Ave., Los Angeles, 2 story, 180 x 180 ft., stone, rein.-con. $150,000.

Calif., Los Angeles—APARTMENT—A. T. Lane, 253 South Bway., plans by MacDonald & Bryant, Spring-Arcade Bldg., 8 story, basement, 50 x 122 ft., rein.-con., Cherokee Ave. $200,000.

Calif., Los Angeles — HOSPITAL — Kaspare Cohn Hospital, bids after Nov. 1, 8 story, basement, 53 x 100 ft. main building, 1 wing, 2 story, 68 x 70 ft. kitchen and boiler room, 1 wing 8 story, 68 x 70 ft. nurses home, auditorium, all rein.-con., steel, stucco, stone, Fountain Ave. $1,500,000. C. Beelman, 1019 Union Bank Bldg., archt. Noted Aug. 9.

Calif., Oakland—APARTMENT—D. H. McCorkle, 319 14th St., plans by D. Stone, 354 Hobart St., 4 story, basement, rein.-con., Emerson St. $150,000.

Calif., San Diego—BANK and OFFICE—State Guarantee Co., c/o A. F. Roller, archt., Crocker 1st Nat'l Bank Bldg., San Francisco, 5 or more story, Class "A". To exceed $150,000.

Calif., San Francisco—OFFICE—Shell Co. of California, 200 Bush St., 2 story, Class "A", Bush and Battery Sts. $2,000,000. Engineer and architect not selected.

Calif., San Francisco—THEATRE—Orpheum Theatre Circuit, O'Farrell St. between Stockton and Powell Sts., Class "A" theatre. To exceed $750,000.

Calif., San Jose—HOTEL—St. Claire Hotel, 6 story, brick, steel, concrete annex, Market and San Carlos Sts. $200,000. Weeks & Day, Financial Center Bldg., San Francisco, archts.

Ont., Ottawa—OFFICE—Sun Life Insurance Co. Ltd., Dominion Sq., Montreal, Que., 133 x 180 ft. office building, Spark St. $400,000.

Ont., Toronto—APARTMENT—M. Helfand, 1282 St. Clair Ave. W., plans by Kaplan & Sprachman, 305 Dundas St. W., 4 or 6 story, basement, 140 x 200 ft., rein.-con., brick, steel, plain found., Edmunds Ave. $200,000.

Ont., Toronto — APARTMENTS — H. Davidson, Excelsior Life Bldg., plans by Kaplan & Sprachman, 305 Dundas St. W., three 2 story, basement, 119 x 120 ft., concrete, brick, steel, Oriole Parkway. $500,000. Excavation awarded to Lioni & Co., 1411 Duffern St.

Ont., Toronto—GARAGE—L. A. De Laplante, 100 Gerrard St. E., plans by W. R. Mead, Kent Bldg., 6 story, basement, 84 x 150 ft., rein.-con., brick, steel, stone, plain found., Bay St., $175,000.

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Bids Desired

Mass., Cambridge (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Malden (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Medford (br. Boston)—APARTMENT—See "Contracts Awarded."

Conn., New Haven — ARMORY — Nov. 26, by L. L. Field, 129 Church St., 3 story, 200 x 250 ft., brick, steel, concrete, Beaver Hill, for State, New Haven Armory Comn. $700,000. Payne & Keefe, 231 State St., New London, archts. D. E. Smith, 52 Temple St., assoc. archt. Noted July 26.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Brooklyn—GARAGE and APARTMENT—See "Contracts Awarded."

N. Y., New York—HOSPITAL—Italian Benevolent Institute, S. M. Serrari, in charge, 617 East 83rd St., bids about Dec. 1, hospital, 136 East 106th St., $2,000,000. A. J. DePace, 151 West 46th St., archt.

N. Y., Southampton — THEATRE — Corporation, c/o E. C. Alexion, 128 West 95th St., New York, bids about Nov. 15, 3 story, brick, limestone, Main St. $175,000. Schlanger & Ehrenrick, 45 West 34th St., New York, archts.

N. J., Bound Brook—HEADQUARTERS—See "Contracts Awarded."

N. J., Hackensack—CLUB—Nov. 12, by J. R. Gordon, archt., 507 5th Ave., New York, general contract 4 story, basement, 100 x 125 ft., brick, steel, plain found., Union and Park Sts., for B. P. O. E. 658, 177 State St. $200,000. Noted Feb. 9.

N. J., Lyndhurst (br. Rutherford) — STORE and OFFICE — L. Hillhouse (owner) and F. P. Freidman, archt., 395 Springfield Ave., Newark, taking new bids general contract 2 story, basement, brick, steel, plain found., Court Extension and Stuyvesant Ave. $150,000. Noted Sept. 27.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Newark—HOSPITAL and NURSES' HOME—J. H. and W. C. Ely, archts., 605 Broad St., bids about Nov. 1, general contract 1 story, 40 x 85 ft. hospital, and 2 story, 20 x 30 ft. nurses' home, both brick, steel, Roseville Ave. and High St., for Babies' Hospital, 437 High St. $150,000. Noted Sept. 20.

N. J., Newark—OFFICE—Oct. 27, by M. E. C. Stout, engr. and archt., Gibraltar Bldg., general contract 3 story, basement, brick, steel addition, plain found., 80-84 Academy St., for Prudential Insurance Co., Prudential Bldg., Washington St. $150,000. Noted Dec. 29.

N. J., Orange—STORE and OFFICE—See "Contracts Awarded."

N. J., Rutherford — APARTMENT — Owner, c/o A. P. Nucciarone, archt., 206 Central Ave., Orange, bids about Nov. 15, general contract 3 story, basement, 115 x 120 ft., brick, steel, plain found. $200,000. Noted Aug. 2.

N. J., West New York — APARTMENT and STORE—See "Contracts Awarded."

Pa., Lima—HOSPITAL—Nov. 8, by Directors of Poor of Delaware Co., c/o G. T. Wades, Media, 2 story, basement, 58 x 139 ft., rein.-con., brick, steel, plain found. G. S. Idell, 1529 Chestnut St., Phila., archt.

Pa., Norristown—COURT HOUSE—Nov. 15, by W. C. Irwin, controller Montgomery Co., Court House, altering, constructing addition to court house. Rankin & Kellogg, 1805 Walnut St., Phila., archts.; adv. E. N.-R. Oct. 25. Noted June 9.

Pa., Phila.—APARTMENT—Friedman & Friedman, 6746 Old York Rd., taking sub-bids 4 story, basement, 42 x 100 ft., brick, steel, plain found., 16th and Colyn Sts. $150,000. Stetler & Dysher, 708 Chestnut St., archts.

Pa., Phila.—APARTMENT—P. E. Glassman, 5489 Morse Ave., taking sub-bids 4 story, basement, 56 x 179 ft., brick, steel, plain found., Morton and Cliveden Sts. $250,000. Private plans.

Pa., Phila.—HOSPITAL—Lackey & Hettle, archts., 5 Hudson Ave., Camden, N. J., taking bids (1st unit), 4 story, basement, 58 x 156 ft., rein.-con., brick, steel, plain found. 48th and Spruce Sts., for Osteopathic Hospital, c/o A. Holden, 19th and Spring Garden Sts. $300,000. Noted May 3.

Pa., Phila.—STORE—Oct. 29, by S. S. Kresge Co., L. A. Aiken, Kresge Bldg., Detroit, Mich., 2 story, basement, 36 x [illegible] ft., brick, steel, plain found., 28[illegible] Girard St. H. Holmes, 1630 Penobscot Bldg., Detroit, Mich., archt.

Mich., Detroit—CHAPEL and MAUSOLEUM—Oct. 29, by A. E. Harley, archt., 316 McKerchey Bldg., 3 story, 150 x [illegible] ft., rein.-con., marble, plain found., Long Lake Rd., Bloomfield Hills, for White Chapel Cemetery Corp., 620 Book Bldg. $300,000.

Mich., Kalamazoo—OFFICE and BANK—Nov. 1, by Weary & Alford, archts., 1923 Calumet Ave., Chicago, Ill., masonry contract, etc., 15 story, basement, 74 x 100 ft., brick, steel, stone, granite, for Kalamazoo Trust & Savings Bank. $1,000,000. Foundation for above awarded to H. L. Vanderhorst, Kalamazoo. Noted Aug. 9.

Ill., Chicago—APARTMENT—N. Romnberg, Inc., archts., 10 South La Salle St., taking bids 7 story, basement, 50 x 125 ft., rein.-con., brick, terra cotta, 4521 Malden Ave., for G. H. Johnson, c/o architect. $400,000.

Ill., Chicago—HOTEL—Nov. 1, by Fox & Fox, archts., 38 South Dearborn St., 3 story, basement, 100 x 192 ft., brick, stone, 917-33 Montrose Ave., for S. M. Earling, 1106 Leland Ave. $700,000.

S. D., Sioux Falls—HOSPITAL—Nov. 1, by Sioux Valley Hospital Assn., 6 story, basement, 42 x 200 ft., rein.-con., brick, stone, terra cotta hospital. $250,000. Hugill & Blatherwick, 367 Boyce-Greeley Bldg., archts. Rose & Harris, 417 Northwestern Natl. Life Bldg., Minneapolis, Minn., engrs. Noted Sept. 6.

Mo., St. Louis—APARTMENT—See "Contracts Awarded."

Wash., Bellingham — HOTEL — Bellingham Development Co., c/o R. C. Reamer, archt., Stimson Bldg., Seattle, bids about Jan. 1, 11 story, basement, 135 x 300 ft., rein.-con., brick, steel, Commonwealth and Flora Sts. $500,000. Noted Nov. 3.

Calif., Los Angeles — APARTMENT — Angelo-American Building & Finance Co., Inc., J. L. Crown, pres., 6362 Hollywood Blvd., taking segregated bids 5 story, basement, 100 x 150 ft., steel, brick, stone, 2nd and Washington Sts. $150,000 Meyer-Radon Bros., 6362 Hollywood Blvd., archts.

B. C., Essondale—HOSPITAL—Nov. 12, by Deputy Minister Provincial Govt., Victoria, and P. Philip, engr., Dpt. P. Wks., Victoria, rein.-con., brick, stone, tile, incl. female chronic building, nurses home, power house, plain found., on hospital grounds. $1,600,000. H. Whittaker, Dpt. P. Wks., Victoria, archt. Noted Feb. 3, 1927.

Bids Received

N. Y., Central Islip—HOSPITAL—Dpt. Mental Hygiene, Albany, Oct. 10, general contract hospital, at Central Islip State Hospital, from Willette Constr. Co., Inc., 114 East 32nd St., New York, Proposal 1 $519,839, Proposal 2 $541,936, Proposal 3 $346,590, and from Lane Ogle, Inc., 12 Murray St., New York, Proposal 4 $356,000; heating, from T. E. O'Brien, Inc., 6311 5th Ave., Brooklyn, Proposal 1 $27,068, Proposal 2 $26,547, Proposal 3 $18,048; sanitary work, from Levine Plumbing Co., Inc., 330 West 47th St., New York, Proposal 1 $30,349, Proposal 2 $28,830, Proposal 3 $20,233. Noted Aug. 30.

N. Y., Poughkeepsie—INFIRMARY—Dpt. Mental Hygiene, Capitol, Albany, Oct. 10, general contract infirmary, nurses home, staff building, Hudson River State Hospital, from A. E. Stephens Co., 1200 Main St., Springfield, Mass., Proposal 1 $537,300, Proposal 2 $536,500, Proposal 3 $530,800, Proposal 4 $530,000, Proposal 5 $482,300, Proposal 6 $482,000, Proposal 7 $476,300, Proposal 8 $476,000; sanitary work, from C. H. Darnstadt, Inc., 352 West 43rd St., New York, Proposal 1 $52,000, Proposal 2 $45,500; heating, from W. H. Baker Co., Inc., 101 Park Ave., New York, Proposal 1 $44,347, Proposal 2 $39,122. Noted Sept. 13.

N. Y., Sonyea—HOSPITAL—Dpt. Mental Hygiene, Capitol, Albany, Oct. 10, general contract completing Peterson Hospital, Craig, Colony, from C. A. Foote & Son, Mt. Morris, $43,126. Noted Aug. 3. Heating and sanitary work, from W. A. Alexander, 23 Charlotte St., Rochester, $3,368 and $11,970 respectively; electrical work, from A. J. Benerlein, Mt. Morris, $2,470.

N. Y., Stapleton—COURT—J. A. Lynch, pres. Richmond Boro, Boro Hall, Staten Island, Oct. 17, general contract courts building, from R. E. Smith Co., 258 Sharpe Ave., Port Richmond, $239,400. Noted Oct. 11. Heating, from H. Sand & Co., Inc., 138 West Bway., New York, $13,175; plumbing, from A. H. Ludwig & Co., Bay St., Port Richmond, $6,770; electrical work, from J. A. Cambria & Co., 56 Bway. St., St. George, $5,400.

Buildings—Commercial (Continued)

O., Columbus—CENTRAL POLICE STATION—City, Oct. 4, 5 story, basement, brick, steel, concrete, Water and Gay Sts., from Boyajohn & Barr, 2995 Park St., $623,000. Noted Sept. 27.

Tex., Temple—CITY HALL—G. E. Byars, city mgr., City Hall, 4 story, 46 x 110 ft., brick, rein.-con., stone, hollow tile, from G. H. Baker, Temple, $143,781. Noted Oct. 4.

Contracts Awarded

Mass., Brighton (Sta. Boston)—THEATRE—New England Theatres Operating Co., 19 Milk St., Boston, 1 story, basement, brick, steel, plain found., Commonwealth Ave. and Audubon Rd., to J. Newman, 7 Water St., Boston. Est. $150,000.

Mass., Cambridge (br. Boston)—APARTMENT—C. C. Cushman, 18 Tremont St., Boston, 4 story, basement, 65 x 100 ft., brick, stone, plain found., Martin St. separate contracts. $150,000. S. E. Moffie, 51 Cornhill, Boston, archt.

Mass., Concord—STORE and OFFICE—Town, Bd. of Trade, C. C. Carlson, secy., store and office building, improvements to other buildings. $150,000 or more. Engineer and architect not selected.

Mass., Malden (br. Boston)—APARTMENT—J. Shahbas, Lynnfield centre, 4 story, basement, 65 x 105 ft., brick, plain found., separate contracts. $150,000. B. E. Porter, 73 Tremont St., Boston, archt. Noted Aug. 2.

Mass., Medford (br. Boston)—APARTMENT—P. J. Griffin, 42 Metcalf St., 3 story, basement, irregular size; brick, plain found., Salem St. near Fellsway, separate contracts. $150,000. Private plans.

Mass., Melrose (Ind. br. Boston)—HOSPITAL—Melrose Hospital, 585 Lebanon St., 2 story, basement, 45 x 145 ft., brick, addition, plain found., to Curtis & Swift, Inc., 80 Boylston St., Boston. Est. $150,000. Noted Sept. 20.

Mass., Oak Bluffs—HOSPITAL—Martha's Vineyard Hospital Corp., 1 and 2 story, basement, addition, to F. L. Norton & Son, Edgarton. Est. $150,000. Noted Oct. 18.

Conn., Hartford—SHOWROOM—Heimovitch Bros., 470 Front St., 3 story, 62 x 124 ft. brick, marble, steel, to C. Seigal, 304 Edgewood St. Est. $150,000. Noted May 3.

Conn., New Haven — APARTMENT — Claremont Corp., H. Labov, pres., 145 Cottage St., 4 story, 250 x 260 ft., brick, Linden St. Owner builds. $500,000.

Conn., South Norwalk — BANK and STORE—People's Trust Co., 79 Washington Ave., 2 story, 80 x 125 ft., brick, limestone, to Mattiello & Laspergate, 79 Washington St. Est. $150,000. Noted Sept. 20.

N. Y., Albany—THEATRE—T. W. Lamb, archt., 644 8th Ave., New York, 3 story, brick, steel, 1030 Madison Ave., to M. Shapiro & Sons, 1560 Bway., New York, for Stanley Mark Strand Corp., 1578 Bway., M. L. Mark, genl. mgr. Est. exceeds $500,000. Noted July 12.

N. Y., Brooklyn—APARTMENT—Rostel Building Corp., 634 Montgomery St., brick, steel, apartment, East 51st St. and Rutland Rd. Separate contracts. $150,000. Kavy & Kavovitt, 350 Stone Ave., archts.

N. Y., Brooklyn—GARAGE and APARTMENT—S. Gilewitz, 494 East 96th St. 3 story, garage and apartment, East 93rd St. and Avenue B. Separate contracts. $150,000. Z. Z. Cohn, 447 Rockaway Ave., archt. Noted Sept. 27.

N. Y., Buffalo — APARTMENT — Main Best Apartment, Inc., 2 and 4 story, basement, 58 x 140 ft., brick, steel, Main and Best Sts., to C. Ullrich, 371 Minnesota Ave. Est. $175,000.

N. Y., New York—CLUB—Junior League of New York, 133 East 61st St., general contract 10 story, brick, steel, 221 East 71st St., to G. A. Fuller Co., 949 Bway. Est. $1,000,000. Contractor taking bids on sub-contracts. Noted June 21.

N. Y., New York—LABORATORY—Bell Telephone Laboratories, Inc., 463 West St., 3 story, 50 x 120 ft. laboratory Bank and Washington Sts., to Turner Constr. Co., 420 Lexington Ave.

N. Y., New York — OFFICE — W. P. Chrysler, 1745 Bway., acquired ownership of Reylex Corp. project and awarded general contract 68 story office building, Lexington Ave. from 42nd to 43rd Sts., to Fred T. Ley & Co., Inc., 321 West 44th St. Est. $12,000,000. Noted Feb. 23.

N. Y., New York—OFFICE and STORE—Madison 52nd Street Corp., c/o J. E. R. Carpenter, 578 Madison Ave., 25 story building, Madison Ave. and 52nd St., to Dwight P. Robinson Co., 125 East 46th St. To exceed $10,000,000.

N. Y., Orangeburg — HOSPITAL — Dpt. Mental Hygiene, Albany, (2nd unit) Rockland State Hospital, to Niewenhous Co., Inc., 16 East 43rd St., New York. $4,199,999. Noted Aug. 30.

N. Y., Scarsdale—APARTMENT—Owner, c/o G. A. Bagge & Sons, archts., 157 East 44th St., New York, apartment, Belmoy Rd., to Bagge & Murray, 12 East 41st St., New York. Est $250,000.

N. Y., Syracuse — APARTMENT — L. Fidler, 1108 East Genessee St., 6 story, basement, 84 x 150 ft., brick, steel, concrete pile found., 1030 East Genesee St. $500,000. Owner builds. R. J. West, 242 West Lafayette Ave., archt. Noted Oct. 18.

N. J., Bound Brook—HEADQUARTERS—Pub. Serv. Gas & Electric Co., 80 Park Pl., Newark, 2 story, basement, brick, steel, plain found., separate contracts. $150,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts.

N. J., Newark—APARTMENT—A. Perlmon & R. Bain, 10 White Terrace, 3 story, basement, brick, steel, plain found., 8-10 White Terrace, separate contracts. $150,000. Private plans.

N. J., Newark — APARTMENT — South Side Building Co., 124 Vassar Ave., 5 story, basement, brick, steel, plain found., 302 6th Ave., separate contracts. $150,000. Kasoff & Flatt, 164 Market St., archts. Noted Oct. 18.

N. J., Newark—HOSPITAL and NURSES HOME—J. H. and W. C. Ely, archts., 605 Broad St., general contract 1 story, 40 x 84 ft. and 20 x 30 ft. hospital additions, and 4 story, 40 x 90 ft. nurses home, brick, steel, plain founds., to R. Howie, 763 Broad St., for Babies Hospital, 413 Military Park Bldg. Est. $200,000. Noted Sept. 20.

N. J., Orange—STORE and OFFICE—F. J. Murray, 142 Cleveland St., 2 story, basement, 120 x 130 ft., brick, steel, plain found., Main and North Day St., separate contracts. $150,000. E. H. Fougner, 197 Market St., Newark, archt.

N. J., West New York—APARTMENT—N. Speranza & G. Betti, 147 Summit Ave., Cliffside, 4 story, basement, 84 x 125 ft., brick, steel, plain found., 152-60 16th St., separate contracts. $150,000. A. DiPoala, 106 18th St., archt. Noted Oct. 18.

N. J., West New York — APARTMENT and STORE—Eagle Development Co., 8 West 40th St., New York, 2 story, basement, 117 x 118 ft., brick, steel, plain found., separate contracts. $150,000. E. V. Warren, 31 Clinton St., Newark, archt. Noted Oct. 11.

Pa., Clairton—THEATRE and OFFICE—Hendel Theatre Enterprises, Diamond St., Pittsburgh, general contract 2 and 3 story, basement, brick, steel, terra cotta, to R. W. Paul, Clairton. Est. $150,000. Noted July 19.

Pa., Lebanon—DEPARTMENT STORE—J. H. Caplan, c/o R. R. Chatfield, archt., 16 Prospect St., Westfield, N. J., general contract 2 story, basement, 50 x 150 ft., brick, plain found., 604-6 Cumberland St., to M. Swope, 8th and Hill Sts. Est. $150,000. Montgomery Ward Co., Baltimore, Md., lessee.

Pa., Phila.—OFFICE—R. J. Seltzer, 25 story, basement, 23 x 60 ft., rein.-con., brick, steel addition, plain found., 1419 Locust St., to F. V. Warren Co., 1913 Arch St. Est. $200,000.

Pa., Pittsburgh — APARTMENT — Development Corp. of Pittsburgh, Dithridge St., 9 story, basement, 100 x 140 ft., brick, steel, Dithridge St., to J. F. Shapiro, Webster Hall. Est. $500,000.

Pa., Pittsburgh — APARTMENT — H. Kamin, 5873 Forbes St., 8 story, basement, 100 x 100 ft., brick, steel, Dithridge St. $300,000. Owner builds.

Pa., Pittsburgh — APARTMENT — L. C. Vogeley, c/o S. F. Heckert, archt., Bessemer Bldg., general contract 3 story, basement, brick, steel, Ellsworth and Nagley Sts., to O. Larsen, 1438 Winterhill St. Est. $150,000.

Pa., Pittsburgh — THEATRE — F. K. Becker, Grandin Ave., Dormont, Pittsburgh, general contract 2 and 3 story, basement, brick, steel, Brownsville Rd., $150,000. Owner builds. Harris Amusement Co., 534 Smithfield St., lessee.

Pa., Wilkes Barre—EXCHANGE—J. T. Windrim, archt., Commonwealth Bldg., Phila., 6 story, basement, 80 x 140 ft., rein.-con., brick, plain found., to C. W. Strayer, Harrisburg, for Bell Telephone Co., 17th and Parkway Sts., Phila. Est. $400,000. Noted Oct. 4.

D. C., Wash.—APARTMENT, OFFICE and STORE — Clifton Manor Apartment, general contract apartment, office and store building, 2516 14th St. N. W., to M. A. Long Co., Albee Bldg. Contractor taking sub-bids.

D. C., Wash. — LEGATION — Austrian Legation, 1851 Wyoming Ave., general contract legation building, to R. Wilmer Bolling, 1800 E St. Est. $150,000. Contractor taking sub-bids about Nov. 1.

D. C., Wash.—OFFICE—W. B. Wood, archt., 16 Jackson Pl. N. W., office building to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md., for Southern Railway Co., 13th and Penn. Ave. Est. $2,000,000. Noted Sept. 27.

Ga., Atlanta—OFFICE—Pringle & Smith, archts., Norris Bldg., 17 story, basement, with 3 story tower, 62 x 72 x 82 x 95 ft., rein.-con., brick, terra cotta, to Southern Ferro Concrete Co., 70 Ellis St. N. E., for Rhodes-Haverty Co. Est. $705,000. Noted Aug. 30.

O., Akron—COMMISSION HOUSE—E. H. Weiner Co., 3 story, basement, 130 x 130 ft., rein.-con., brick, to G. A. Rutherford Co., 2725 Prospect Ave. Est. $250,000.

O., Cleveland—APARTMENTS—W. I. Oden, 17021 Lorain Ave., two 2 story, basement, 36 x 111 ft., brick, steel, 3948 Riveredge Rd., to O. E. Hickel, 4004 Riveredge Rd. Est. $150,000.

O., Cleveland—SALES and SERVICE—Scott A. Rogers Co. (Graham-Paige), S. A. Rogers, pres., 2020 Euclid Ave., 2 story, basement, 73 x 160 ft., brick, steel, concrete, East 37th and Prospect Sts., to S. W. Emerson Co., 1836 Euclid Ave. Est. $150,000.

O., Columbus—APARTMENT—Galbraith & Leonard, Inc., 42 East Gay St., 3 story, basement, 111 x 160 ft., concrete, brick, East Town St. Owner builds. $400,000. Noted Feb. 23.

Ind., Columbus — STORE — F. M. Overstreet, 2 story, basement, brick, steel, 540 Washington St., to Dunlap & Co., Columbus. Est. $150,000. Montgomery Ward & Co., Chicago Ave. and Larr St., Chicago, Ill., lessee.

Ind., Connersville—OFFICE and BANK—Fayette Loan Assn., general contract 2 story, basement, brick, steel, to W. J. Behlner, Connorsville. Est. $150,000.

Ind., Evansville — OFFICE and THEATRE — Syndicate forming, c/o A. Phelps, 306 North 4th St., 12 story, basement, rein.-con., brick, steel, stone office and theatre, 2,700 seating capacity, 3rd and Sycamore Sts., separate contracts. $1,500,000. W. J. Knight & Co., 902 Wainwright Bldg., engrs., and Bowling & Shank, 1198 Arcade Bldg., archts., both St. Louis, Mo.

Ind., Muncie — APARTMENT — R. M. Thomas, general contract brick, steel, North Mulberry St., to J. Snyder & Sons, Muncie. Est. $150,000.

Ind., Warsaw—ARMORY—Indiana Natl. Guard, State House, Indianapolis, brick, steel, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000.

Mich., Battle Creek—BANK and OFFICE—City Natl. Bank, 8 story, basement, 65 x 70 ft., rein.-con., brick, steel, stone, plain found., to Fridstein & Co., West Washington St., Chicago, Ill. Est. $1,000,000. Noted Oct. 18.

Mich., Detroit—MATERNITY HOME—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 3 story, basement, irregular sized, rein.-con., brick, stone, plain found., also power house and laundry, to W. E. Wood Co., 1805 Ford Bldg., for Florence Crittenden Home, 583 Elizabeth St. Est. $500,000. Noted Oct. 11.

Mich., Eloise—HOME—H. H. Prenzlauer, secy. Wayne Co. Superintendents of Poor, City Service Bldg., Detroit, 3 story, basement, rein.-con., brick, steel addition to terrace building, plain found., to Stibbard Constr. Co., 3000 Grand River Ave., Detroit. Est. $150,000. Noted Sept. 27.

Mich., Flint — HOTEL — Malcomson & Higginbotham, archts., 1219 Griswold St., Detroit, 3 story, basement, 70 x 130 ft., brick, steel, plain found., 2nd and Harrison Sts., to Burbank Constr. Co., 519 Dryden Bldg., for Pierce & Davison, Capitol Theatre Bldg. Est. $160,000. Noted Aug. 2.

Mich., Kalamazoo—OFFICE and BANK—See "Bids Desired."

Mich., Monroe—Monroe Co., one course concrete paving 2.6 mi. West Bearinger Rd., 16 ft., Whitford Twp., to Thompson Paving Co., Toledo, O., $62,492. Noted Sept. 6.

Mich., Muskegon—HOTEL—D. R. Swett, mgr. Occidental Hotel, general contract altering and constructing 8 story, basement addition, to Storm Constr. Co., Muskegon. Noted Sept. 13.

Mich., Pontiac—DETENTION HOME—Oakland Co., B. D. Daugherty, clk., Court House, 3 story, basement, rein.-con., brick, steel, stone, plain found., to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit, $191,000. Noted Oct. 11.

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Buildings—Commercial (Continued)

Ill., Evanston—C. H. Walcott, archt., 431 Michigan Ave., Chicago, general contract 5 story, basement, 140 x 175 ft. building, to N. P. Severin Co., 222 West Adams St., Chicago, for Y. M. C. A., 300 West Adams St., Chicago. Est. $900,000. Noted July 5.

Ill., Highland Park — HOTEL — W. D. Mann, archt., 32 West Randolph St., Chicago, masonry contract 3 story, basement, irregular sized, brick addition, to N. Steenhill, 4835 Warwick Ave., Chicago; carpentry work, to A. Olson, Highwood, for Moraine Hotel Co. Est. $200,000. Noted Sept. 27.

Ill., Lake Forest—APARTMENT HOTEL—W. C. Jones, archt., 19 South La Salle St., Chicago, general contract 4 story, basement, 125 x 150 ft., to Peterson & Weeks, Waukegan, for Dearpath Inn. Est. $300,000. Noted Mar. 29.

Wis., Appleton—THEATRE—Fox Film Co., 850 10th Ave., New York, general contract 1 story, 72 x 177 ft., rein.-con., brick, terra cotta, to United Studios, Inc., 14 West Lake St., Chicago, Ill. Est. $275,000.

Wis., Manitowoc—WAREHCUSE—Aluminum Goods Mfg. Co., H. L. Vits, genl. mgr., Manitowoc, concrete foundation for 7 story, 115 x 302 ft., brick, steel addition, to W. W. Oeflein, Inc., 110 East Wisconsin Ave., Milwaukee; concrete piles, to E. A. Whitney & Son, 441 Bway., Milwaukee. Total est. $600,000.

Wis., Milwaukee—OFFICE and STORE—Glanz & Glanz, attys., 1201 North Ave., carpentry contract for 3 story, 75 x 120 ft., 27th and Vliet st., to C. Harp, 1157 49th St.; masonry, concrete, excav., to Wilke Bros., 1917 Oakland Ave.; steel, to Milwaukee Bridge Co., 1400 34th St.

Kan., Abilene — PASSENGER and FREIGHT DEPOT — Union Pacific R.R., 1410 Dodge St., Oamha, Neb., 1 story, basement, 32 x 185 ft., and 3 x 164 ft., brick, hollow tile, to G. A. Johnson & Sons, 740 Rush St., Chicago, Ill. Noted Sept. 20.

Neb., Omaha—BUS TERMINAL—Union Bus Depot, c/o D. A. Baum, 231 City Natl. Bank Bldg., 2 story, basement, 100 x 180 ft., rein.-con., brick, steel, stone, 16th and Jackson Sts., to Parsons Constr. Co., 219 Grain Exch. Bldg. Est. $150,000. Noted Oct. 11.

Mo., Clayton — APARTMENT — A. H. Tucker, c/o C. E. Etz, archt., 417 Title Guaranty Bldg., St. Louis, 3 story, basement, 81 x 108 ft., rein.-con., brick, terra cotta, Blue Ridge Terrace, separate contracts. $150,000.

Mo., St. Louis—APARTMENT—Alco Investment Co., c/o C. A. Chinberg, 808 Chestnut St., 3 story, basement, 60 x 160 ft., rein.-con., brick apartment, Cabanne Ave. west of Goodfellow Ave., separate contracts. $200,000. Nolte & Nauman, 614 Fullerton Bldg., archts.

Wash., Olympia — HOTEL — Schmidt Estate, Inc., 6 story, basement, addition to Hotel Mitchel, 7th St. and Capitol Way, to H. L. Stevens Co., Olympia. Est. $155,000.

Wash., Seattle — HOTEL — Olive Way Impvt. Co., c/o E. T. Osborn, archt., Leary Bldg., 4 story, basement, rein.-con., brick, 150 Olive Way, to J. R. Devendahl, 1815 East Harrington St. Est. $175,000. Noted June 21.

Wash., Seattle—OFFICE—Great Northern Ry. Co., J. R. W. Davis, ch. engr., St. Paul, Minn., 3 story, basement, 55 x 111 ft., masonry, steel, 4th and Union Aves., to Tuefel & Carlson, Skinner Bldg. $155,000, Est. $200,000. Noted Oct. 18.

Calif., Los Angeles—OFFICE—Mountain States Life Insurance Co., 6 story, basement, rein.-con., Vine and Yucca Sts., to B. Houtz, 1735 North Wilcox Ave., $150,000. (cost plus basis).

Calif., Los Angeles—STORE and LOFT—Van Nuys Building Co., Van Nuys Bldg., 3 story, basement, steel, rein.-con., South Spring St., to Scofield-Twaits Co., Pacific Finance Bldg., $300,000.

Calif., Los Angeles—STORE and OFFICE—Wilshire Blvd. Center, Inc., 5466 Wilshire Blvd., 2 story, 140 x 250 ft., with 60 x 60 ft. tower 100 ft. high, rein.-con., to Baum Co., Central Bldg., $350,000. Noted Aug. 16.

Calif., San Diego—THEATRE, GARAGE, LOFT—Gildred Bros., c/o Weeks & Day, archts., Financial Center Bldg., San Francisco, part 2 and 4 story, rein.-con., steel, A, B, 7th and 8th Sts., to Simpson Constr. Co., Architects Bldg., Los Angeles, $1,000,000. Noted Sept. 20.

Calif., San Francisco—APARTMENT—McKillop Bros., 46 Kearny St., 6 story, rein.-con., Buchanan and Herman Sts., to Mission Concrete Co., 125 Kissling St., $165,000.

Calif., San Jose—MARKET—V. Challen, et al, 600 South 3rd St., brick, Santa Clara

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St., to J. A. Bryant, 185 Stevenson St., San Francisco, $150,000.

Calif., Santa Monica—APARTMENT and GARAGE—P. Tuchman, 251 14th St., 4 story, basement, 75 x 133 ft., brick, steel, incl. 50 car garage in basement, 4th St. near Montana St., separate contracts, $200,000. M. Maltzman, 609 Union Bank Bldg., Los Angeles, archt. Owner taking subbids.

Ont., London — BANK and OFFICE — Bank of Toronto, 55 King St. W., Toronto, general contract 6 story, basement, 50 x 100 ft., brick, stone, Dundas St., to J. Putherbough, Bank of Montreal, Chambers St. Est. $200,000.

Ont., North Bay—THEATRE—Famous Players Canadian Corp., Royal Bank Bldg., Toronto, theatre, to Gomoll Bros., Burke St., $200,000.

Ont., Toronto — APARTMENTS — See "Proposed Work."

Ont., Toronto—APARTMENT—A. Latcham, 1454 Yonge St., masonry contract 4 story, basement, 90 x 130 ft., brick, steel, to Fidani Bros., 1438 A Dufferin St.; electrical wiring, to Globe Electric Co., 718 Coxwell Ave.; heating, to R. Steen, 9 Grimthorpe Rd.; plumbing, to E. H. Mills, 22 Emerson Ave. Est. $165,000. Noted Apr. 26.

Ont., Toronto — APARTMENT — F. M. Squires, Federal Bldg., general contract 2 story, basement, 80 x 150 ft., concrete, brick, steel, St. Clair Ave. W., to J. Walker, 344 St. Clair Ave. W.; structural steel, to McGregor & McIntyre, 1139 Shaw St.; electrical work, to W. Whiting, Long Branch; heating, to R. Steen, 9 Grimthorpe Rd. Est. $160,000.

Ont., Toronto — OFFICE — H. Horner, archt., 79 Adelaide St. E., general contract 2 story, basement, 100 x 126 ft., steel, stone, to Dickie Constr. Co., 17 Yorkville Ave.; structural steel, to J. T. Hepburn, 18 Van Horn St.; excavation, to Orsini & Co., Ellsworth Ave., for Natl. Life Assurance Co. of Canada, 25 Toronto St. Est. $250,000. Noted Sept. 6.

Ont., Toronto—OFFICE and WAREHOUSE—Tamblyns Ltd., 129 Richmond St. W., general contract concrete, brick, steel, to R. B. Scott, 48 Yonge St.; masonry, to M. Manley, Northern Ontario Bldg.; steel sash, to Canadian Metal Window & Steel Products Ltd., 160 River St. Est. $175,000. Noted July 5.

Buildings—Educational, Religious

Proposed Work

Mass., Dorchester (sta. Boston) — SCHOOL—City of Boston, Schoolhouse Dpt., sketches by Desmond & Lord, 1 Beacon St., Boston, 2 story, basement, brick, limestone, plain found., Tileston Dist. $150,000-$200,000.

Mass., Lynn — SCHOOL — City, R. S. Bauer, mayor, city hall, revised sketches by C. V. Burgess, 23 Central Ave., 2 story, basement, brick, plain found., Bennett and South Sts. $250,000. Former bids rejected. Noted June 14.

Mass., New Bedford — AUDITORIUM — E. T. Caswell, 590 Pleasant St., 1 story, 115 x 145 ft., brick, steel, plain found., Purchase St. $150,000. Private plans.

Mass., Rockport—SCHOOL—Town, W. F. Eldridge, supt. schools, 2 story, basement, probably brick, stone, Pigeon Ave. $150,000. Engineer and architect not selected.

Mass., Springfield—SCHOOL—City Dpt. Schools, City Hall, grade school. $200,000 appropriated. Engineer and architect not selected.

Mass., Waltham (Ind. br. Boston) — HIGH SCHOOL — City, H. F. Beal, chn. building comn., revised sketches by Hutchins & French, 11 Beacon St., Boston, Senior High School, 3 story, basement, irregular sized brick, stone, plain found., Lexiton and Dale Sts. $1,000,000. Noted Jan. 12.

Mass., West Roxbury (sta. Boston) — CHURCH — St. Theresa's Roman Catholic Church, W. F. Lyons, pastor, Centre St., church. Est. $250,000. Engineer and architect not selected.

R. I., Hopkinton—SCHOOL—Bd. Educ., sketches by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story, basement, brick, stone, plain found. $150,000 or more.

R. I., Johnston (mail Providence)—HIGH SCHOOL—Town, E. C. Preston supt. schools, sketches by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story, basement, brick, stone, plain found. To exceed $150,000.

R. I., Pawtucket—HIGH SCHOOL—City, W. A. Newell, supt. schools, altering and constructing Junior High School addition, Newport Ave. Est. $150,000 or more. Engineer and architect not selected.

R. I., Providence—HIGH SCHOOL—City, P. Building Dpt., plans by T. J. H. Pierce, City Hall, Junior High School, brick, steel, Chalkstone Ave. $300,000.

N. Y., New York — HOME — Samaritan Home for Aged, H. Davis, in charge, 414 West 22nd St., soon lets contract home for aged, 440 East 88th St. $175,000. J. F. Jackson, 137 East 45th St., archt. Harrison Bros., 304 Madison Ave., heating and electrical engr.

N. Y., Patchogue — CHURCH — First Church of Christ Scientist, c/o F. M. Koerner, soon lets contract church. $150,000. B. E. Muller, 527 5th Ave., New York, archt.

N. Y., Pelham Manor (Ind. br. New York) — HIGH SCHOOL — School Bd., H. B. Nevins, pres., bids in November, high school. $500,000. Hart & Shape, 247 Park Ave., New York, archts.

N. J., Atlantic City — SCHOOL — Bd. Educ., Tennessee and Atlantic Aves., plans by H. A. Stout, Guarantee Trust Bldg., 2 story, brick, steel, concrete, Ventnor Ave. $350,000.

N. J., Belleville (br. Newark)—CHURCH—Christ Episcopal Church, Main St., 2 story, basement, brick, steel, plain found., Main St. $150,000.

N. J., Bloomfield—CHURCH—First Presbyterian Church Tabernacle, A. G. Sinclair, chn., 67 Park Pl., brick church, Watchung Ave. $150,000. Engineer and architect not selected.

N. J., Closter—SCHOOL—Bd. Educ., Main St., 2 story, basement, brick, steel, Main and High Sts. $265,000.

N. J., Elizabeth—CHURCH—Church of Holy Rosary, c/o J. B. Beatty, archt., 15 North Reid St., sketches 1 story, basement, 90 x 130 ft., brick, steel, plain found., Elizabeth Ave. $200,000.

N. J., Elizabeth — CHURCH — Sacred Heart Roman Catholic Church, 403 Spring St., soon lets contract church, Spring and Magnolia Aves. $175,000. F. J. Schwartz, 233 Bway., New York, archt.

N. J., Mannsville—SCHOOL—Bd. Educ., W. W. French, dist. clk., Anwell Rd., Bloomingdale, sketches by A. Merchant, 52 Paterson St., New Brunswick, 2 story, brick, steel, plain found. $150,000.

N. J., Maplewood (br. South Orange)—SCHOOL—St. Joseph Church, 267 Prospect St., sketches 2 story, basement, brick, steel, plain found. Prospect St. $150,000. Private plans. Noted Oct. 4.

N. J., Montclair — DEMONSTRATION SCHOOL—State Bd. Educ., State House, Trenton, plans by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, basement, 80 x 170 ft., brick, steel, plain found., Normal School Grounds. $240,000. Noted Oct. 11.

N. J., Newark—SCHOOLS—Bd. Educ., City Hall, two 3 story, basement, brick, steel, plain founds., Maple and Lincoln Aves. $165,000. Engineer and architect not selected.

N. J., Raritan—SCHOOLS—Bd. Educ., Township Hall, revised plans by Grieson & Tusig, 175 Smith St., Perth Amboy, 2 story, basement, brick, steel, plain found. $150,000. Noted May 17.

Pa., Mansfield—AUDITORIUM—Mansfield State Teachers College, Mansfield, O., plans by Eric, Fisher Wood Co., 233 Oliver Ave., Pittsburgh, 2 story, basement, brick, steel auditorium. $180,000.

Pa., Phila. — DORMITORY — University of Pennsylvania, 36th and Spruce Sts., plans by Stewardson & Page, 315 South 15th St., 4 story, basement, brick, rein.-con., steel, plain found., Hamilton Walks and 36th St. $200,000.

Del., Harrington—SCHOOL—Bd. Educ., Delaware School Foundation, A. J. Taylor, pres., Du Pont Bldg., Wilmington, sketches by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., 2 story, basement, elementary and high school, brick, steel, plain found. $200,000.

D. C., Wash.—MEDICAL—Georgetown University revised plans by G. A. Didden, Bond Bldg., medical school. $1,000,000. Noted Mar. 29.

N. C., Goldsboro — SCHOOLS — Comrs. Wayne Co. sold $277,000 bonds of which $173,000 will be used for new schools in county.

Fla., Tallahassee—SCHOOLS—Trustees, School Dist. plans by Edwards & Sayward, 101 Marietta Bldg., Atlanta, Ga., high grammar and negro schools, each 2 story, basement, brick, stone. $450,000 bond election soon for same.

La., Algiers (sta. New Orleans) — CHURCH—Holy Name of Mary Parish, c/o pastor, soon takes bids 1 and 2 story, 65 x 177 ft., rein.-con., brick, stone, rein.-con. and pile found. $200,000. A. W. Norman, Cotton Exch. Bldg., New Orleans, archt.

Buildings—Educational, Religious (Cont.)

La., New Orleans — CHURCH — Holy Name of Mary Algiers, plans by A. W. Norman, Cotton Exch. Bldg., 65 x 177 ft., rein.-con., wood pile found. $200,000.

O., Cleveland—SCHOOL—St. Thomas Aquines Roman Catholic Church, T. T. Mahan, pastor, 1230 Ansel Rd., plans by W. C. Jansen, 1227 Prospect Ave., 2 story, basement, concrete, brick, steel, Ansel Rd. $200,000.

Mich., Lansing — SCHOOL — Bd. Educ., plans by J. N. Churchill, 906 Prudden Bldg., 2 story, basement, 115 x 165 ft., brick, steel, plain found., South Chestnut St. $150,000.

Ia., Sioux City—SCIENCE HALL and LIBRARY—Morningside College, F. E. Mossman, pres., sketches 2 and 3 story, rein.-con., brick, stone, Morningside Ave. $1,000,000.

N. D., Jamestown—HOSPITAL—Jamestown Lutheran Charity Assn., W. A. Keller, soon takes bids foundation for 4 story, basement, 42 x 120 ft., rein.-con., brick, steel hospital; superstructure in spring. Total $150,000. G. R. Horton, Jamestown, archt.

Mont., Great Falls — HOSPITAL — Deaconess Hospital, E. A. Ariss, supt., plans by McIver & Cohagen, Billings (1st unit) 39 x 130 ft., (2nd unit) 40 x 80 ft., both 4 story, basement, rein.-con., brick, 6th Ave. N. $325,000.

Mo., Kansas City — ORPHANAGE — O'Gules Orphans Home soon lets contract 3 story, basement, 80 x 239 ft. orphanage. $200,000. Keine & Simpson, 1005 Land Bank Bldg., archts.

Mo., St. Louis—CLINIC—Jewish Hospital, Forest Park Blvd., preliminary plans 5 story, basement, 60 x 156 ft., rein.-con., brick, stone, terra cotta, Forest Park east of Kingshighway. $200,000.

Mo., Springfield—CHURCH—First Presbyterian Church, plans by A. A. Honeywell, 413 Penn Way, Indianapolis, Ind., 2 story, basement, stone, steel church. $150,000. Noted Feb. 16.

Calif., Chico—COLLEGE—State Dept., Sacramento, plans by State Div. Architecture, Dpt. P. Wks., for State Teachers College, 2,000 seating capacity, brick. $200,000 or more.

Calif., Los Angeles—AUDITORIUM and CLASSROOM—Immaculate Heart College, 5515 Franklin St., plans by A. C. Martin, 228 Higgins Bldg., 2 or 3 story, steel, brick, auditorium, 1,000 seating capacity, Western Ave. and Los Feliz Rd. $200,000.

Calif., Los Angeles—HIGH SCHOOL—Los Angeles School Dist. plans by Architectural Board, Bd. Educ., for Audubon Junior High School, five 1 and 2 story buildings, incl. auditorium, shop, gymnasium, cafeteria, all brick, concrete. $350,000.

Calif., Los Angeles — HIGH SCHOOL — School Dist. sketches by C. L. Noerenberg, Railway Bldg., Luther Burbank Junior High School. $150,000.

Que., Montreal—SCHOOLS—Protestant Bd. School Comrs., two 4 story, 225 x 300 ft. schools, one for boys, other for girls, Terrebonne Ave. $350,000. Engineer and architect not selected.

Ont., Hamilton—TECHNICAL SCHOOL—Bd. Educ., R. H. Foster, secy., City Hall, plans by W. P. Witton, 7 Hughson St. S., 2 story addition to motor mechanics section, technical school, King St. E. $60,000.

Bids Desired

Me., Rockland—NURSES HOME—Knox Co. General Hospital, c/o Hutchins & French, archts., 11 Beacon St., Boston, Mass., taking bids 3 story, basement, brick, plain found. $150,000-$160,000. Noted Oct. 11.

Mass., Boston—SCHOOL—City, Schoolhouse Dpt., City Hall, taking bids on revised plans 3 story, basement, brick, granite, limestone, plain found., Kilmarnock and Peterborough Sts., Prince Dist. $160,000. G. E. Robinson, 80 Federal St., archt. Noted Apr. 26.

Mass., Brighton (sta. Boston)—HIGH SCHOOL—Nov. 15, by City of Boston, Schoolhouse Dpt., 3 story, basement, irregular sized, brick limestone, plain found., Nevins and Warren Sts., Bennett Dist. $1,539,000. O'Connell & Shaw, 134 Newbury St., Boston, archts.

R. I., Cranston (mail Providence) — SCHOOL—Nov. 15, at office L. A. Smith, clk., 2 story, brick, Gansett Ave. W. R. Walker & Son, 49 Weybosset St., Providence, archts. Noted Oct. 18.

R. I., Little Compton—SCHOOL—Town, Superintendent Schools, taking bids 2 story, basement, brick, stone, plain found. $150,000. E. M. Corbett, 70 Bedford St., Fall River, Mass., archt. Noted Aug. 31.

N. Y., New York—SCHOOL—Nov. 1, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 164 (Edward W. Stitt Junior High School), Edgecomb Rd. from West 164th to 165th Sts., for Bd. Educ., 500 Park Ave.

N. Y., Syracuse—SCHOOL—Nov. 5, by Bd. Contr. & Supply, City Hall, 2 story, basement, rein.-con., brick, steel, plain found., Jamesville Ave. $300,000. Randall & Vedder, S. A. & K. Bldg., archts. N. F. Pitts, Jr., city archt. Noted Mar. 1.

N. J., Bloomfield—TEMPLE and SCHOOL—See "Contracts Awarded."

N. J., Hackensack—SCHOOL—Oct. 29, by Bd. Educ., School 3, State St., 2 story, basement, 50 x 120 ft., and 50 x 100 ft. brick, steel additions to Grade School 4, plain found. $281,431. A. E. Dore, 173 Main St., Hackensack, archt. Noted Sept. 20.

N. J., Jersey City—PARISH HOUSE—Flagg & Stades, archts., 665 Newark Ave., bids about Nov. 1, general contract 3 story, basement, brick, steel, plain found., North St. and Summit Ave., for St. Johns Lutheran Church, J. Kirsh, pastor, 153 North St. $150,000.

N. J., North Arlington (mail Arlington)—SCHOOL—Oct. 29, by Bd. Educ., Lincoln School, Ridge Rd., general contract 2 story, basement, 50 x 148 ft., brick, steel, plain found. $150,000. J. S. Pigott, 28 Hill St., Newark, archt.

N. J., Weehawken—NURSES' HOME and TRAINING SCHOOL—P. A. Vivarttas, archt., 110 48th St., Union City, bids about Nov. 1, general contract 5 story, basement, rein.-con., brick, steel, plain found., Columbus Terrace, for North Hudson Hospital, Park Ave. and Columbus Terrace. $150,000. Noted July 12.

N. J., West Orange — SCHOOL — Bd. Educ., Northfield Ave., bids about Nov. 15, 2 story, basement, brick, steel, plain found., Northfield Rd. and Sheridan Ave. $150,000. Hacker & Hacker, Fort Lee Trust Bldg., Fort Lee, archts. Noted Sept. 6.

Pa., Easton—MINING ENGINEERING HALL—Oct. 30, by C. Z. Klauder, archt., 1429 Walnut St., Phila., 4 story, basement, 52 x 172 ft., rein.-con., brick, steel mining engineers hall, for LaFayette College, here.

Pa., Pittsburgh — SUNDAY SCHOOL — Oct. 26, by St. Marks Evangelical Lutheran Congregation, (Brookline), Pittsburgh, and O. M. Topp, archt., Stevenson Bldg., 2 story, basement, Brookline Blvd. $150,000.

Md., Frederick—CHURCH and SUNDAY SCHOOL—Oct. 29, by Calvary Methodist Episcopal Church, G. E. Williams, pastor, 1 story, basement, 83 x 256 ft., brick, steel, plain found. Bureau Architecture Methodist Episcopal Church, 1701 Arch St., Phila., Pa., archts.

D. C., Wash.—SCHOOL—Nov. 1, by District Comrs., District Bldg., Langdon School. Noted Oct. 4.

Ga., Atlanta—SCHOOLS—Nov. 22, by Atlanta School Bd., 13 schools, $700,000. G. L. Preacher & Co., Inc., Wynne-Claughton Bldg., archts. and engrs.

Ga., Savannah — SCHOOL — Nov. 9, by Educ. Chatham Co., 2 story, basement, 70 x 300 ft., brick, rein.-con., steel. $200,000. Wallin & Comer, Realty Bldg., archts.

Fla., Jacksonville—SUNDAY SCHOOL—Mark & Sheftall, archts., Clark Bldg., bids about Nov. 17, 3 story, basement, 116 x 160 ft., brick, steel, stone, Riverside St., for Riverside Park Methodist Church. $175,000.

La., Lafayette—SCHOOLS—Oct. 30, by Bd. Educ. Lafayette Parish, c/o Secretary, 2 story, brick, concrete, stucco at Milton; 2 story, brick, concrete at Scott; 2 story, brick, concrete at Ridge Judice; 1 story, timber, stucco at Duson. W. T. Nolan, Canal Bank Bldg., New Orleans, archt. Noted May 24.

Mich., Detroit—COLLEGE—Nov. 1, by U. Frundt, chn. Building Com., c/o Duns Scotus, Franciscan Fathers, St. Clements Monastery, Vine St., Cincinnati, O., 2 and 3 story, basement, 185 x 400 ft., rein.-con., brick, steel, plain found., Nine Mile Rd. $1,000,000. W. E. Anthony, 131 East 47th St., New York, archt.

Mich., Ypsilanti — LIBRARY — Nov. 2, by Michigan State Normal, C. Foster, chn., State Office Bldg., Lansing, 2 story, basement, 85 x 140 ft., concrete, brick, steel, plain found., College Grounds. $200,000. Bowd & Munson, Wilson Bldg., Lansing, archts. Noted Oct. 4.

Bids Received

Mass., Nantucket — HIGH SCHOOL — Little & Russell, archts., 20 Newbury St., Boston, 2 story, basement, rein.-con., stone, plain found., from McNally Constr. Co., 84 North Main St., Fall River, $212,000. Noted Sept. 27.

N. Y., Buffalo—SCHOOL—W. Haugaard, archt., 343 Bway., Albany, general contract State Normal School, Elmwood and Forest Aves., from C. Everett, 295 Auburn Ave. Total $1,597,000.

N. J., Hillside (br. Elizabeth)—SCHOOL—Bd. Educ., Central Grammar School, 143 Coe Ave., Oct. 16, general contract addition Hillside Ave. School, from Gilmore Bros., Inc., 679 Market St., Paterson, and from Becker Constr. Co., 361 Grove St., Newark, $159,000 each. Noted Oct. 4.

N. D., Minot—SCHOOL—Bd. Educ., J. C. Lund, secy., Oct. 9, general contract 3 story, basement, rein.-con., brick, bedford stone, from J. H. Mackley, Minot, $189,800. Noted Sept. 27.

Contracts Awarded

Conn., Bridgeport — COMMUNITY — St. Charles Roman Catholic Parish, J. J. McGivney, pastor, 2 story, basement, 65 x 128 ft., brick, steel, cast stone, to E. E. Bray, 62 Cannon St. Est. $150,000. Noted Oct. 11.

N. Y., Alfred—DORMITORIES—Alfred University, general contract additions, to L. C. Whitford, Wellsville, N. Y. Noted June 14.

N. Y., Brooklyn — LAW SCHOOL — St. Johns College of Law, Lewis Ave. and Hart St., 12 story, 86 x 100 ft., brick, steel, to J. Kennedy & Co., 1133 Bway., New York. Noted Oct. 4.

N. Y., Elmsford — SCHOOL — Bd. Educ., Dist. 9, Town of Greenburgh, general contract 2 story school, to C. A. Magotta, North Tarrytown, $241,842. Noted Sept. 27.

N. J., Bloomfield—TEMPLE and SCHOOL—Temple Bnai Zion, c/o A. G. Brach & S. Singer, archts., 60 Park Pl., Newark, 2 story, basement, brick, steel, plain found., 430 Franklin Ave., separate contracts. $150,000. Noted Sept. 6.

N. J., Jersey City—NORMAL SCHOOL—State Bd. Educ., State House, Trenton, general contract 2 story, basement, 90 x 114 ft., brick, steel, plain found., Hudson Blvd. and Culver Ave., to A. W. Crone & Son, Inc., 338 Palisade Ave., $439,854; heating, to R. G. Maupai Co., 73 South St., $43,790. Noted Sept. 20.

N. J., Mendham—SCHOOL—Bd. Educ., Boro Hall, general contract 2 story, basement, brick, steel, plain found., to P. Morro, Mendham. Est. $150,000. Noted Sept. 20. Plumbing, to J. Attlin, 28 Speedwell Ave., Morristown, heating, to Schrenell Bros., 734 South 12th St., Newark.

Pa., Aliquippa — SCHOOL — Bd. Educ., general contract 2 story, basement, 100 x 120 ft. addition, to Hodder Constr. Co., Braddock. Est. $180,000.

Pa., Freedom—SCHOOL—Bd. Educ., general contract 2 story, basement, brick, steel school, to Kemena Lumber Co., Ambridge. Est. $150,000.

Pa., Natrona Heights (mail Natrona)—CHURCH — Calvary Lutheran Congregation, general contract 1 story, part basement, limestone church and Sunday school, to Powell Bros., Parnassus. Est. $150,000. Noted May 31.

Pa., Newlinsburg (mail Export)—HIGH SCHOOL—Bd. Educ. Franklin Twp., general contract 2 story, basement, brick, steel, to B. R. Fulmer Co., Greensburg. Est. $150,000.

Ga., Emory University—NURSES HOME—Wesley Memorial Hospital, c/o C. H. Candler, chn. building com., 3 story, basement, 40 x 170 ft., rein.-con., brick, to Griffen Constr. Co., 452 Spring St., Atlanta, $128,450; heating and plumbing, to Farrell Heating & Plumbing Co., 248 Ivy St. N. E., Atlanta, $33,900. Noted Sept. 20. Electrical wiring, to S. Donelson, 101 Marietta St., Atlanta, $3,464.

O., Forestville (mail Mt. Washington)—SCHOOL—Bd. Educ. Anderson Twp., Hamilton Co., 2 story, basement, rein.-con., brick, steel, plain found., to Howard Constr. Co., c/o Walker & Norwich, archts., Amer. Bldg., Dayton, $150,000. Noted Oct. 18.

O., Lorain—CHURCH and SCHOOL—St. Josephs Roman Catholic Church, C. Reichlin, pastor, 2 story, brick, steel, concrete, to L. A. Burgett Co., Lorain. Est. $200,000. Noted Sept. 20.

Mich., Pontiac—SCHOOL—R. Hazleton, secy. Bd. Educ., 2 story, basement, rein.-con., brick, steel, plain found., to C. S. Barry Co., 2631 Woodward Ave., Detroit, $164,835. Noted Sept. 13.

Ill., Chicago — NURSES HOME — City, general contract 5 story, basement, 95 x 100 ft. nurses home, to Van Sickle & Wertz Co., Oak Park. Est. $450,000. Noted Aug. 30.

Ill., Des Plaines — CHURCH and CHAPEL — First Congregational Church, A. Barwick, pastor, general contract 1 story, rein.-con., brick, stone, to A. Niemz, 879 North State St., Chicago. Est. $200,000. Noted June 28.

Ill., Oak Park—HIGH SCHOOL—Dominican College of Thomas Aquinas Division and Harlem Ave., River Forest, high school, Washington Blvd. and Scoville Ave., to F. A. C'Hare, 30 North La Salle St., Chicago, and 270 Madison Ave., New York. Est. $1,000,000.

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Buildings—Educational, Religious (Cont.)

Kan., Junction City — SCHOCLS — Bd. Educ., general contract Washington School 2 story, 85 x 135 ft., Franklin School 2 story, basement, 86 x 133 ft., Senior High School 3 story, basement, 157 x 173 ft., and remodeling Senior High School 2 story, basement, to Busboom Bros., Carthage, Mo., $218,535; plumbing and heating, to Foley Co., Topeka, $50,436. Noted Sept. 27.

Neb., Omaha—ART MEMORIAL—Society of Liberal Arts, S. H. Joslyn, pres., 3902 Davenport St., general contract 2 story, basement, 180 x 486 ft., rein.-con., steel, tile, marble, Dodge St., to Peter Kiewitz' Sons, 908 Omaha Natl. Bank Bldg.; heating and plumbing, to J. J. Harrington Co., 617 South 14th St. Est. $3,000,000. Noted July 5.

Tex., Amarillo—CHURCH—Ferrand & Fitch, archts., 6188 Delmar Blvd., St. Louis, Mo., and G. A. Carlander, assoc. archt., 1015 Fisk Medical & Professional Bldg., 4 story, basement, 140 x 204 ft., brick, stone, steel, rein.-con., to Windsor Constr. Co., Oliver-Eakles Bldg., for First Baptist Congregation, 9th and Polk Sts. Est. $400,000. Noted Sept. 27.

Calif., Berkeley — LIFE SCIENCE — Regents University of California, 5 story, rein.-con., to Dinwiddie Constr. Co., Crocker Bldg., San Francisco, for University of California. $1,186,395.

Calif., Redwood City—HIGH SCHOOL—Trustees Sequoia Union High School Dist., five 2 story, rein.-con., high schools to L. Diaguardi, 30 West Poplar Ave., San Mateo, $117,000. Noted Oct. 4.

Federal Government Work

Proposed Work

D. C., Wash.—MEDICAL and SURGICAL—Dpt. Interior bids in December, general contract medical and surgical building, St. Elizabeth Hospital. Noted Aug. 9.

Ind., Michigan City—DREDGING—U. S. Engineer Office, Chicago, Ill., rejected bids dredging in Michigan City Harbor. Noted Sept. 13.

Arizona—ROADS—Bureau Pub. Rds., Dpt. Agriculture, National Park Serv., San Francisco, Calif., bids during February and March, grading, surfacing North Park Entrance to Fuller Canyon, Route 4, Grand Canyon Natl. Park Hy. System, on north rim Grand Canyon Natl. Park.

California—ROAD—U. S. Bureau Pub. Rds., 461 Market St., San Francisco, grading 4.58 mi. Lassen Volcanic Natl. Park Hy., Route 1-C-4, Tehama Co. C. H. Sweetser, dist. engr.

Calif., San Diego—CRANE—Spec. 5713—Bureau Yards & Docks, Navy Dpt., Wash., D. C., rejected bids Oct. 3, electric bridge crane at Naval Operating Base. Noted Oct. 11.

Calif., San Francisco—DREDGING—U. S. Engineer Office, 1,700,000 cu.yd.

Canal Zone—RADIO MASTS—Spec. 5737—Bureau Yards & Docks, Navy Dpt., Wash., D. C., radio masts and tower at Naval Radio Stations at La Palam and Puerto Obaldia, Panama and Darien, C. Z.

Bids Desired

Mass., Bedford—ACUTE BUILDING, etc.—Nov. 27, by U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., acute building, officers duplex quarters, utilities building, incl. roads, walks, drainage at U. S. Veterans' Hospital.

R. I., Providence—MONUMENT—Nov. 8, at office Constructing Quartermaster, Camp Devens, Mass., completing granite monument with bronze tablets; adv. E. N.-R. Oct. 25.

N. Y., Brooklyn—COAL HOPPER—Nov. 7, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing coal hopper at Naval Hospital.

N. Y., New York—DREDGING—Nov. 20, by U. S. Engineer Office, Army Bldg., 39 Whitehall St., 409,000 cu.yd. in Harlem River; adv. E. N.-R. Oct. 25.

Pa., Pittsburgh — LOCK — Nov. 19, by U. S. Engineer Office, constructing Lock 7, Allegheny River; adv. E. N.-R. Oct. 25.

D. C., Wash.—ASPHALT, etc.—Nov. 2, by A. L. Flint, genl. purch. officer Panama Canal, asphalt, pitch, coal tar, creosote oil, soda ash, lye, phosphate.

D. C., Wash.—NURSES QUARTERS—Nov. 2, by Constructing Quartermaster, at Walter Reed Hospital. Former bids rejected. Noted Oct. 18.

D. C., Wash.—BARGES—Nov. 15, by U. S. Engineer Office, 1068 Navy Bldg., 2 steel barges at U. S. Engineer's Wharf; adv. E. N.-R. Oct. 25.

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D. C., Wash. — SEAWALL FOUNDATION—Nov. 16, by U. S. Engineer Office, 1068 Navy Bldg., 33,500 tons riprap seawall foundation along Potomac and Anacostia Rivers; adv. E. N.-R. Oct. 25.

Va., Norfolk—GENERATOR—Spec. 5642—Nov. 7, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., engine driven generator, for Naval Hospital.

Va., Norfolk—WHARF—Nov. 17, by U. S. Engineer Office, timber wharf, granolithic walk at Jamestown Island; adv. E. N.-R. Oct. 25.

N. C., Wilmington—STEEL BARGES—Nov. 12, by U. S. Engineer Office, constructing, testing, delivering 2 steel barges; adv. E. N.-R. Oct. 25. Noted Aug. 16.

N. C., Winston-Salem—WATER PIPING—Oct. 26, by Treas. Dpt., at office Supervising Archt., Wash., D. C., at U. S. Post Office.

S. C., Charlestown—REFRIGERATING EQUIPMENT—Spec. 5735—Nov. 7, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., automatic refrigerating equipment, at U. S. Navy Yard.

Miss., Vicksburg — QUARTERBOATS — Nov. 9, by U. S. Engineer Office, P. O. Box 671, 3 wooden quarterboats; adv. E. N.-R. Oct. 25.

Ia., Newton—POST OFFICE—Nov. 22, by Treas. Dpt. at office Supervsing Archt., Wash., D. C., U. S. Post Office; adv. E. N.-R. Oct. 25.

Ia., Sioux City—CONDUIT, etc.—Nov. 1, by Treas. Dpt., at office Supervising Archt., Wash., D. C., conduit, wiring and lighting fixtures at U. S. Post Office and Court House.

South Dakota—DRAINS—Nov. 20, by Bureau Reclamation, Dpt. Interior, Newell, 23 mi. open drains, drainage structures, on Belle Fourche Project. P. W. Dent, acting comr.; adv. E. N.-R. Oct. 25.

Ark., Conway—POST OFFICE—Nov. 21, by Treas. Dpt., at office Supervising Archt., Wash., D. C., U. S. Post Office.

Calif., San Diego — REFRIGERATING CASES, etc.—Spec. 5747—Nov. 14, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., refrigerating display cases and machine, at Naval Operating Base (Supply Depot).

Bids Received

Mass., Camp Devons (br. Boston)—BARRACKS, etc.—Constructing Quartermaster, infantry barracks from J. E. Dyer Constr. Co., 80 Boylston St., Boston, $267,000. Bids for hospital only recalled. Noted Sept. 20.

D. C., Wash.—BRIDGE—Executive Officer Arlington Memorial Bridge Comn., Navy Bldg., Oct. 9, constructing Boundary Channel Bridge, Arlington Memorial Bridge Project, from N. P. Severn Co., 222 West Adams St., Chicago, Ill., $381,000. Noted Oct. 4.

D. C., Wash. — EXTENSION — Treas. Dpt., at office Supervising Archt., Oct. 15, general contract extension Government Printing Office, from Rust Eng. Co., 311 Ross St., Pittsburgh, Pa., $823,700; mechanical equipment, from Virginia Eng. Co., Newport News, Va., $96,900. Noted Sept. 20.

D. C., Wash.—VENTILATING—D. Lynn, archt. of Capitol, Oct. 1, ventilating and air conditioning Senate Chamber, from Carrier Eng. Corp., 750 Frelinghuysen Ave., Newark, N. J., $120,000 (90 days). Noted Aug. 23.

Va., Elko — KITCHEN — Quartermaster Supply Officer, Wash., D. C., Oct. 1, kitchen adition at Superintendents Lodge, Glendale Natl. Cemetery, from R. W. Gregory, Norfolk, $2,145 (15 to 70 days). Noted Sept. 27.

Ala., Tuskegee — GRADING — U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., Sept. 25, at U. S. Veterans' Bureau, from Birmingham Nurseries, Avenue F, Birmingham, $7,310 (30 to 90 days). Noted Sept. 13.

Kan., Newton—REMODELING—Treas. Dpt., at office Supervising Archt., Wash., D. C., Oct. 22, remodeling, enlarging U. S. Post Office, from W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $22,264. Noted Oct. 4.

N. M., Fort Stanton — RESERVOIR — Treas. Dpt., at office Supervising Archt., Wash., D. C., Oct. 16, at U. S. Marine Hospital, from R. Gilchrist, 610 Mills St., El Paso, Tex., $4,649. Noted Sept. 27.

Ariz., Nogales—PAVING—Treas. Dpt. at office Supervising Archt., Wash., D. C., Oct. 10, International St., from S. Hitchcock, Phoenix, $55,668, $60,187 and $4,500. Noted Sept. 27.

Wash., Walla Walla — INFIRMARY — U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., Oct. 16, infirmary building, from W. D. Butler, 527 Central Bldg., Seattle, $227,300 (300 days). Noted Sept. 13.

Contracts Awarded

Conn., Bridgeport—DREDGING—U. S. Engineer Office, Providence, R. I., in Bridgeport Harbor, to J. S. Packard Dredging Co., 1004 Turk Head Building, Providence, R. I., $16,532. Noted Sept. 6.

N. Y., Niagara Falls—REMODELING—Treas. Dpt. at office Supervising Archt., Wash., D. C., remodeling U. S. Custom House, to Devault & Deitrick, Canton, O., $58,400. Noted Oct. 4.

N. Y., Sunmount — PIPE TRENCH and STEAM LINES — U. S. Engineer Office, remodeling present pipe trench and steel lines, to M. W. Otis, Lake Clear Junction, $11,104.

D. C., Wash.—COOLING POND—Supply Div. Bureau Standards, rein.-con. cooling pond, to Rust Engr. Co., 1406 G St. N. W., $13,980. Noted Oct. 4.

Ga., Augusta—ROADS—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., roads and walks at U. S. Veteran's Hospital, to Claussen-Lawrence Constr. Co., 1394 Gwinnett St., Augusta, $10,800 (10-20 days). Noted Oct. 4.

Miss., Vicksburg—BARGES—U. S. Engineer Office, P.O. Box 404, 4 steel line barges, to Midland Barge Co., Midland, Pa., $19,200. Noted Sept. 13.

La., New Orleans—DREDGING—U. S. Engineer Office, Front and Burdette Sts., 2,200,000 cu.yd. in Shaw-Blackhawk Levee Dist. and Alford Levee, to Dameron & Kenyon, Inc., Port Allen, $18,000 and $71,300 respectively; Anes and Hope Levees, to Lower Constr. Co., Godchaux Bldg., $30,799 and $58,056 respectively; Evans Point Levee, to Howard Kenyon Dredging Co., 3605 McKinley St., Houston, Tex., $23,650; Tin Barn Levee, to O. O. Ogden, Baton Rouge, $4,192; Neita Levee, to J. A. Lindstrom, Port Arthur, Tex., $7,500; Elba and Richard Levees, to Grasser Constr. Co., Maritime Bldg., $10,800 and $26,100 respectively, all above in New Orleans River Dist. Grand total $250,997. Noted Sept. 13.

O., Wooster — EXTENSION and REMODELING—U. S. Engineer Office, extending and remodeling U. S. Post Office, to S. Plato, 608 West Walnut St., Louisville, Ky., $67,450. Noted Oct. 4.

Ill., Great Lakes — PARAPET WALL—Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing cornice and parapet wall at Naval Training Station, to C. E. Garson Co., 601 St. Clair St., Chicago, $6,871. Noted Aug. 30.

Texas — DREDGING — U. S. Engineer Office, Galveston, in Houston Ship Channel, to Atlantic, Gulf & Pacific Co., 13 Park Row, New York, $161,425. Noted Aug. 31.

Wash., Olympia—REMODELING—Treas. Dpt. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, to H. Boyer Son & Co., 510 Miller Bldg., Yakima, $21,825. Noted Oct. 4.

Ore., Astoria—FILL—Spec. 5717—Bureau Yards & Docks, Navy Dpt., Wash., D. C., filling slough to eliminate bridges, to Brookfield Quarry & Towage Co., Astoria, $1,498.

Calif., Crescent City—BREAKWATER—U. S. Engineer Office, Custom House, San Francisco, repairing and extending stone breakwater, Crescent City Harbor, to Kern & Kibbs, Portland, Ore., $500,000. Noted Sept. 13.

Calif., Livermore—DEEP WELL—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., drilling, developing, testing deep well, at U. S. Veterans' Hospital, to Duer Bros., 496 North 5th St., San Jose, $5,000.

Calif., Palo Alto — WELL — U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., drilling, developing, testing deep well, to Robert Garcia Well Drilling Co., P. O. Box 611, Palo Alto, $4,628.

Cuba, Guantanamo Bay — GENERATORS—Spec. 5699—Bureau Yards & Docks, Navy Dpt., D. C., oil engine generators, at Naval Air Station, to Worthington Pump & Mchy. Corp., 426 Homer Bldg., Wash., D. C., $67,810. Noted Sept. 20.

Unclassified

Proposed Work

STORAGE TANKS, etc. — **Chelsea** (br. Boston), **Mass.**—Texas Co., 31 St. James St., Boston, sketches storage tanks, 97-139 Marginal St., $25,000, 1 story, brick and concrete pump house, 113 Marginal St. $7,000. Private plans.

PURIFICATION and CHLORINATING PLANT—**Newburyport, Mass.**—City, E. W. Eaton, chn. Bd. Health, City Hall, 1 story, brick, purification and chlorinating plant to purify clams, Merrimac River. H. A. Symonds, 70 State St., Boston, engr.

DOCKS, BULKHEADS, etc.—**Weymouth, Mass.**—Standard Oil Co. of New York, 26 Bway., New York, soon takes bids docks, bulkheads and filling station. $200,000. Private plans.

Unclassified (Continued)

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, rejected bids Oct. 9, constructing Sect. 5-A, Route 109, Rapid Transit R.R. Noted Oct. 18.

GRADE CROSSING ELIMINATION — **Bowmanville, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating Genesee Street Crossing 1 mi. west of here. $274,000.

GRADE CROSSING ELIMINATION — **Evans Mills, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating Kennies Crossing. $135,000.

GRADE CROSSING ELIMINATION — **Johnsonville, N. Y.** — Boston & Maine R.R. Co., Boston, Mass., W. J. Backes ch. engr. eliminating grade crossing. $118,000.

SUBWAY—**Long Island City, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Queens Blvd. Subway. Route 108, Sect. 1.

GRADE CROSSING ELIMINATION — **Sangerfield, N. Y.**—Delaware, Lackawanna & Western R.R. Co., 90 West St., New York, G. J. Ray, ch. engr., Hoboken, N. J., eliminating Cherry Valley Turnpike grade crossing, south of here. $113,000.

GRADE CROSSING ELIMINATION — **Tully, N. Y.** — Delaware, Lackawanna & Western R.R., 90 West St., New York, G. J. Ray, ch. engr., eliminating grade crossing by constructing 436 ft. overhead structure, near here. $140,000.

CONDUIT—**Plainfield, N. J.**—Bd. Freeholders Union Co., Court House, conduit over Green Brook. $35,000. J. L. Bauer, Court House, Elizabeth, co. engr.

ELECTRIC TRAFFIC SIGNAL, etc.—**Pittsburgh, Pa.**—C. H. Kline, mayor, and Dpt. P. Safety, electric traffic signal equipment, special signs, for Bureau Traffic Planning. $75,000.

STADIUM — **Wash., D. C.** — District Comrs., District Bldg., stadium, 7,000 seating capacity, at McKinley High School.

GAS DISTRIBUTING SYSTEM—**Leaksville, N. C.**—Atlantic Gas Co., N. H. Gellert, vice-pres. and genl. mgr., Lexington, granted franchise laying mains in Leaksville and Reidsville.

HANGAR—**Miami, Fla.**—City, c/o Aviation Dept., soon takes bids hangar, Municipal Field. E. Stuhrman, Seybold Bldg., engr.

HANGARS — **Ohio** — Goodyear Zeppelin Corp., K. Arnstein, vice-pres., Akron, O., two 1 story, 185 x 305 x 1,200 ft., brick, steel hangars. $1,000,000. Wilbur, Watson & Associates, 4614 Prospect Ave., Cleveland, engrs. and archts. Site not selected.

SWIMMING POOL—**Alliance, O.**—Park and Playground Comn. bids in spring converting lake at Selner Park into new concrete swimming pool. $30,000-$35,000 bond issue in fall for same.

AIRPLANE HANGAR—**Cleveland, O.**—U. S. Air Line Corp., c/o H. Pennington, Williamson Bldg., plans by Austin Co., engrs. and archts., 16112 Euclid Ave., 1 story, 100 x 120 ft., brick, steel on air port grounds. Noted Aug. 9.

GAS MAINS — **Winona, Minn.** — See "Sewers."

OIL PIPE LINE—**Texas**—W. A. Meser, Oakdale, representative Chicago Syndicate, preliminary plans oil pipe line from Sunbright oil fields to supply natural gas to Oakdale, Harriman and Rockford. $150,000. Private plans.

TRANSMISSION LINE — **Texas** — West Texas Utilities Co., Abilene, 14 mi. transmission line between Shamrock and Quail. $45,000. Private plans.

LAND DEVELOPMENT—**Raymondville, Tex.**—W. A. Harding, developing 22,000 acres near here, incl. clearing, grubbing, building roads. $1,000,000. Private plans.

LAND DEVELOPMENT — **Sanderson, Tex.**—V. A. Brown, Rock Springs, purchased 2,650 acre site, plans laying 4½ mi. 4 in. c.i. water pipe line, several miles fencing.

AIRPORT BUILDINGS—**Culver City, Calif.**—J. Kruetzer, 1801 South Hope St., Los Angeles, hangars, barracks, shops, factory and administration buildings. Austin Co. of California, 777 Washington St., Los Angeles, engrs. $300,000.

ORNAMENTAL LIGHTING SYSTEM—**Los Angeles, Calif.**—Ornamental lighting system on Woods St. in Golden Gate Square. $26,999. G. W. Jones, city engr.

MUNICIPAL SWIMMING POOL—**Modesto, Calif.**—City plans municipal swimming pool. $26,000. F. J. Rossi, city engr.

AIRPORT — **Sacramento, Calif.** — City Council appropriated $25,000, improving Del Paso Airport. S. Hart, city engr. Noted Apr. 5.

AIR PORT and BREAKWATERS—**Maisonneuve, Que.**—Harbor Comrs., Montreal, air port, two 300 ft. breakwaters into St. Lawrence River for mooring machines, 2 floating platforms. $200,000.

FLYING FIELD—**Montreal, Que.**—See "Buildings-Industrial."

MARINE RAILWAY and REPAIR SHOPS—**Orillia, Ont.**—Ditchburn Boats Ltd., marine railway and plant for storing and repairing launches. $30,000.

POWER LINES—**Wiarton, Ont.**—W. B. Foshay Co., Walkerton, purchased Sauble Falls Electric Light & Power Co. and plans to increase output 1,000 hp., build power lines to Hepworth, Oxenden and rural lines. $250,000. A. Emerson, c/o Owner, engr.

Bids Desired

ELEVATORS, etc.—**Albany, N. Y.**—Nov. 21, by A. E. Smith, governor and chn. State Building & Sites Comn., Capitol, elevators, heating, sanitary and electrical work, vaults, State Office Building; adv. E. N.-R. Oct. 25.

TUNNELS—**Albany, N. Y.**—Nov. 2, by A. E. Smith, governor and chn. State Office & Building Sites Comn., Executive Office, Capitol, Albany, tunnels between Capitol and State Office Buildings.

ELECTRICAL WORK — **West Haverstraw, N. Y.**—Nov. 15, by Superintendent Div. Standards & Purchase, Executive Dpt., Capitol, Albany, electrical work, service connections for new buildings at New York State Orthopedic Hospital for Children; adv. E. N.-R. Oct. 25.

WHITE WAY LIGHTING SYSTEM—**Mobile, Ala.**—Oct. 30, by City, whiteway lighting venture 1, incl. projects 1 to 15. A. A. Coffin, electrical engr.

ELECTRIC DISTRIBUTION SYSTEM—**St. Charles, Minn.**—Nov. 1, by S. F. Clarkson, city clk., electric distribution system. White Way on Main St. $25,000 bonds voted. Pillsbury Eng. Co., 2344 Nicollet Ave., Minneapolis, engrs.

GENERATORS—**Winnipeg, Man.**—Nov. 19, by Chairman Com. P. Utilities, two 10,000 kva. generators, two 450 kva. generators complete with accessories, spare parts at Slave Falls.

SLUICE GATES—**Winnipeg, Man.**—Nov. 5, by Chairman Com. P. Utilities, 4 sluice gates, 5 spillway gates, stoplogs, at Slave Falls.

Bids Received

BATH HOUSE—**Babylon, N. Y.**—Long Island State Park Comn., Belmont Lake State Park, Oct. 20, bath house, supporting buildings at Jones Beach State Park, Nassau Co., from R. A. Lewis, 187 New York Ave., Huntington, $196,749. Noted Sept. 13.

FLOOR SUPPORTS—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Oct. 19, additional supports for floors in shops, Coney Island Yard, Rapid Transit R.R., from T. R. Coffey Co., 320 Broadway, New York, $32,223. Noted Oct. 11.

STATION FINISH—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 19, station finish for 50th, 59th-Columbus Circle and 72nd St. Stations of Rapid Transit R.R., from Charles Meads & Co., 217 West 14th St., $444,060. Noted Oct. 11.

SUBWAY—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 16, Sect. 4, Route 106 Rapid Transit R.R. along and under Grand Blvd. and Concourse, from Slattery Daino Contg. Co., Bway. and 176th St., $5,232,000. Noted Oct. 4.

BOILERS, STOKERS, etc.—**Milwaukee, Wis.**—Dpt. P. Wks., R. E. Stoelting, comr., Oct. 15, resetting boilers, mechanical stokers, soot blowers in North Point Pumping Station, from Downey Heating Co., 256 11th St., $62,496. Noted Oct. 11.

Calif., Los Angeles—Ornamental lighting system on Santa Monica Blvd., C.I. 624, from J. R. Davies, 2131 Santee St., $31,444.

STEEL ROLLING DOORS—**San Francisco, Calif.**—M. H. Gates, secy. State Harbor Comn., Ferry Bldg., 115 or more steel rolling doors for Pier 45, from J. G. Wilson Corp., 74 New Montgomery St., $55,912. Noted Sept. 27.

Contracts Awarded

OFFAL RECEIVING PLATFORM — **Cambridge** (br. Boston) **Mass.**—City, J. J. Terry, supt. P. Buildings, City Hall, concrete, timber offal receiving platform, to J. M. Dolan, 263 Bway., Boston, $36,355. Est. $60,000. Noted Oct. 4.

ATHLETIC FIELD—**Woburn, Mass.**—City, J. McDermott, engr., City Hall, athletic field on High School Grounds, to J. E. Gray, Inc., 85 Reservoir St., Cambridge. Est. $30,000.

BORINGS — **New Jersey** — State Hy. Comn,. Trenton, test borings on Route 1 extension, Hudson Co., to J. W. Edwards, 1 Exchange Pl., Jersey City, $9,105. Noted Sept. 27.

AIRPORT—**Sharon, Pa.**—Municipal airport, grounds, hangars, to Austin Co., 16112 Euclid Ave., Cleveland, O.

WHARF EXTENSION—**Gretna, La.**—S. Young, engr., New Court House, New Orleans, 100 ft. wharf, 24 ft. wide with 20 x 70 ft. approaches in front Davidson-Pick Fertilizer Inc., property, to H. N. Moody, 815 Perdido St., New Orleans, for Bd. Port Comrs., New Orleans, $22,280.

SAND and GRAVEL PLANT—**Indianapolis, Ind.**—Spickelmier Supply Co., 1200 East 30th St., general contract sand and gravel storage plant, consisting 6 rein.-con. bins, 20 ft. diam., 80 ft. high, 52nd St. and Monon Ry., to Gifford Wood Constr. Co., 565 Washington Blvd., Chicago, Ill. Est. $60,000.

RETAINING WALL — **Detroit, Mich.** — Dpt. Parks & Blvds., Marquette Bldg., 1,200 ft. concrete retaining wall, Burns Ave. and River, to Candler Dock & Dredge Co., 8145 Medina Ave., $65,133.

AIRPLANE HANGAR—**Pontiac, Mich.**—City, 1 story, 100 x 100 ft., brick, steel, to Austin Co., 16112 Euclid Ave., Cleveland, O. Est. $40,000.

AIRPLANE HANGAR — **Chicago, Ill.** — National Air Transport, 5936 Cicero Ave., masonry and carpentry contract 1 story, 120 x 158 ft., brick, 5936 South Cicero Ave., to E. W. Sproul, 310 South Michigan Ave. Est. $45,000.

TERMINAL WORK — **Dubuque, Ia.** — Dock Comrs., J. Kerper, secy., piling, curbing, road and sand fill, for terminal protective work, to Anton Zoack, Inc., Dubuque, $24,470.

CULVERTS—**Marion, Kan.**—Marion Co., rein.-con. culverts on roads, to R. K. Walters Constr. Co., Marion, $27,695.

ELECTRIC GENERATOR — **Conway, Ark.**—City, 625 hp. oil engine and electric generator for light and power plant, to Fulton Iron Wks. Co., 1259 Delaware Ave., St. Louis, Mo., $39,114. Est. $46,500.

LIGHTING SYSTEM—**Seattle, Wash.**—Bd. P. Wks., street lights on 1st Ave. S., to C. B. Campbell, 518 Seneca St., $78,203.

STREET LIGHTING SYSTEM—**Seattle, Wash.**—Bd. P. Wks., street lighting system on California Ave., to H. C. Moss, Melhorn Bldg., $189,773; 1st Ave. S., to C. B. Campbell, 518 Seneca St., $83,413.

ORNAMENTAL LIGHTING SYSTEM—**Torrance, Calif.**—Ornamental lighting system in various sections of city to Pacific Engineering & Constr. Co., Chamber Commerce Bldg., Los Angeles, $121,600. Noted June 14.

Materials

Bids Desired

POST HYDRANTS—**Boston, Mass.**—Oct. 26, by Dpt. P. Wks., 50 post hydrants for Water Dpt. $5,000. J. H. Sullivan, comr.

CEMENT, etc.—**New York, N. Y.**—Oct. 31, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., 5,000 bags portland cement; 2,500 cu.yd. concrete and paving sand; spruce lumber; 40,000 gal. tar for patching (hot application).

STEEL RAILS—**New York, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., in market 190,000 tons steel rails.

GRAVEL—**Louisiana**—Oct. 30, by State Hy. Comn., Baton Rouge, supplying gravel to Maintenance Dpt. during November, 1928.

LUMBER—**Atlantic, Ia.**—Nov. 1, at office Auditor Cass Co., 360,460 ft. untreated fir lumber; 19,800 ft. creosoted Southern yellow line, 12,700 lin.ft. creosoted long leaf pine piling. G. F. Canon, Atlantic, co. engr.

Bids Received

ASPHALTIC OIL — **New Jersey** — State Hy. Comn., Trenton, Oct. 22, 22,600 gal. asphaltic oil, from Warner-Quinlan Co., 2 Park Ave., New York, N. Y., $2,950. Noted Oct. 18.

SEWER MANHOLE HEADS, etc. — **Jersey City, N. J.** — Bd. City Comrs., City Comrs., City Hall, 50 tons sewer manhole heads, covers, from Campbell Fdry. Co., 313 Manor Ave., Newark, $0.0324 per lb.

CREOSOTED TIES—**Phila., Pa.**—Dpt. City Transit, C. E. Myers, dir., City Hall, Oct. 10, 468,200 ft. creosoted ties(southern long leaf yellow pine timber), for Broad Street Subway, Contr. 210, from Jennison-Wright Co., 2463 Bway., Toledo, O., $48,100. Noted Oct. 4.

See Proposal advertising on page 125

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UNIT PRICES

Grade Elimination—Cleveland, O.

Department of Public Service, W. S. Ferguson, director, opened bids Aug. 22 grade elimination on West 117th Street and New York Central Railroad. Lowest two and highest bidders are: (A) Great Lakes Construction Co., 1808 Harvard Ave., (awarded contract); (B) W. P. Gibbons Contg. Co., 914 Schofield Bldg.; (C) W. E. McHugh Co., 3855 West 44th St. Robert Hoffman, chief engineer.

		A			B			C		
	Excavation	Material	Labor	Combined	Material	Labor	Combined	Material	Labor	Combined
1A	78,000 cu.yd. Class "A"	$0.12	$0.70	$0.82	.....	$0.90	$0.90	.....	$1.00	$1.00
1B	4,600 cu.yd. Class "B"	.20	1.80	2.10	.....	2.00	2.00	$0.25	1.75	2.00
1C	900 cu.yd. Class "C"	.20	1.60	1.80	.....	2.00	2.00	.25	1.75	2.00
1D	2,350 cu.yd. Class "D"	.20	1.65	1.85	.....	2.00	2.00	3.00	2.00	5.00
1E	14,550 cu.yd. Class "E"	.35	1.00	1.35	.....	1.45	1.45	.25	2.75	3.00
1F	3,550 cu.yd. Class "F"	.30	1.80	2.10	.....	2.00	2.00	.25	3.75	4.00
1G	900 cu.yd. Class "G"	.35	1.90	2.25	.....	3.00	3.00	.25	3.00	3.25
1H	7,450 cu.yd. Class "H"	.60	2.50	3.10	.....	4.70	4.70	4.00	.800	12.00
2A	215 cu.yd. concrete	9.00	4.75	13.75	6.60	6.00	12.60	20.00	8.00	28.00
2B	615 cu.yd. concrete	9.00	4.25	13.25	9.00	8.40	17.40	20.00	8.00	28.00
2C	550 cu.yd. concrete	9.00	4.25	13.25	7.80	6.00	13.80	20.00	8.00	28.00
D	830 cu.yd. heating concrete	.75	.75	1.50	.50	.50	1.00	1.00	1.00	2.00
3	1,060 lin.ft. 5 ft. 6 in. x 6 ft. 6 in. sewer	16.35	8.00	24.35	10.00	9.72	19.72	20.00	10.00	30.00
4	600 lin.ft. 5 ft. cir. brick sewer	15.00	10.00	25.00	7.50	6.00	13.50	15.00	7.00	22.00
5A	630 lin.ft. 30 in. vit. pipe sewer	5.40	2.00	7.40	4.00	1.50	5.50	4.00	3.00	7.00
5B	630 lin.ft. 30 in. conc. pipe sewer	4.00	2.25	6.25	3.50	1.50	5.00	3.00	3.00	6.00
5C	630 lin.ft. 30 in. seg. block sewer	5.00	3.00	8.00	3.00	3.00	6.00	4.00	3.50	7.50
6	1,280 lin.ft. 18 in. vit. pipe sewer	2.00	2.50	4.50	2.00	1.00	3.00	1.00	1.00	3.00
7	Junction chamber	475.00	300.00	775.00	400.00	300.00	700.00	1,500.00	,500.00	3,000.00
8	250 lin.ft. manholes	9.00	7.00	16.00	5.00	5.00	10.00	8.00	7.00	15.00
9	280 sq.yd. pavement replaced	2.00	1.50	3.50	3.00	1.50	4.50	3.00	2.00	5.00
10	260 sq.ft. sidewalk relaid	.10	.10	.20	.15	.10	.25	.14	.14	.28
11	59,000 lb. steel reinforcement	.03	.01	.04	.03	.02	.05	.03	.03	.06
12	1,800 cu.ft. brickwork	.90	2.00	2.90	.60	1.00	1.60	1.25	.75	2.00
13	4,400 sq.ft. waterproofing	.06	.04	.10	.05	.05	.10	.15	.15	.30
14	400 lin.ft. 4 in. drains	.20	.15	.35	.15	.10	.25	.15	.15	.30
15	410 lin.ft. 6 in. drains	.35	.15	.50	.15	.15	.30	.20	.30	.50
16	420 lin.ft. fence	1.25	.75	2.00	1.40	.50	1.90	1.00	.50	1.50
17	800 lin.ft. pipe hand railing	3.00	1.00	4.00	3.00	.50	3.50	1.00	.50	1.50
18	Altering fire escape	50.00	50.00	100.00	100.00	100.00	200.00	200.00	200.00	400.00
19	170 cu.yd. cinders in place	1.50	.50	2.00	2.00	1.00	3.00	1.25	.75	2.00
20	3,300 bbl. cement	2.75	.25	3.00	2.80	.20	3.00	2.25	.25	2.50
21	125 tons bell and spigot pipe	50.00	25.00	75.00	50.00	19.00	69.00	45.00	45.00	95.00
22	8 tons special and misc. castings	130.00	20.00	150.00	125.00	24.00	149.00	100.00	100.00	200.00
23	2 4 in. valves	20.00	5.00	25.00	19.00	5.00	24.00	25.00	15.00	40.00
24	9 6 in. valves	45.00	5.00	50.00	29.00	5.00	34.00	35.00	20.00	55.00
25	7 12 in. valves	75.00	10.00	85.00	85.00	9.00	94.00	75.00	75.00	150.00
26	8 6 in. hydrants	125.00	25.00	150.00	114.00	20.00	134.00	80.00	60.00	140.00
27	2,000 tons temporary slag roadways	3.00	.50	3.50	2.50	.50	3.00	2.25	.75	3.00
28	200 cu.yd. temporary sidewalks	1.50	.75	2.25	2.00	1.00	3.00	1.00	1.00	2.00
29	600 lin.ft. 8 in. curb connections	.75	1.50	2.25	.50	2.50	3.00	.80	1.00	1.80
30	Engineer's office (fixed sum)	700.00	500.00	1,200.00	.....	.....	1,200.00	.....	.....	1,200.00
	Totals with 5A + 2B		$241,590*			$246,208			$378,203	
	Totals with 5B + 2B		240,865			245,893			377,573	
	Totals with 5C + 2B		241,968			246,523			378,518	
	Totals with 5A + 2C + 12		245,948			245,977			379,983	
	Totals with 5B + 2C + 12		245,224			245,662			379,353	
	Totals with 5C + 2C + 12		246,326			246,292			380,293	
	Days to complete		225			150			250	

*Awarded contract

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Paving—Los Angeles, Calif.

Commissioners of Los Angeles Co., Courthouse, opened bids June 25, paving 13,021 ft. Pine Ave. et al, C. I. 584. Lowest three and highest bidders are (A) V. Kovacevich, 1553 Loma Ave., Long Beach, (awarded contract); (B) G. H. Oswald; (C) C. Raasch; (D) A. O. Nelson. J. W. Jones, engineer.

	A	B	C	D
9,330 cu.yd. excav.	$0.40	$0.45	$0.40	$0.35
24,507 lin.ft. 6 x 9 x 15 in. curb	.43	40	.44	.48
98,284 sq.ft. walk	.14½	.135	.155	.168
46,884 sq.ft. 6 in. gutter	.185	19	.195	.208
7,373 sq.ft. 8 in. gutter	.23	.25	.245	.26
261,149 sq.ft. 4 in. D.R. with oil and rock	.07	.075	.065	.08½
Totals	$57,416	$57,607	$57,672	$66,059

Engineering News-Record, Issue of October 25, 1928.

Road—Lyons, Kan.

Commissioners of Rice Co. opened bids July 6, grading and culverts on 5.012 mi. Federal Aid Project 331 B, 30 ft. wide. Bids of engineer, lowest two and highest bidders are given below. (A) Engineer's Estimate; (B) E. W. Kolterman, Omaha, Neb., (awarded contract); (C) Maney Bros., Oklahoma City; (D) Campbell & Lachenmaier. A. Ainsworth, engineer.

	A	B	C	D
41,779 cu.yd. earth excav.	$0.30	$0.21	$0.21	$0.24
59,427 cu.yd. earth borrow	.30	.21	.21	.26
228.4 cu.yd. Class "A" con.	17.90	18.00	18.00	18.50
5.4 cu.yd. Class "E" con.	36.65	30.00	40.00	30.00
21,230 lb. reinf. steel in place	.05½	.05	.05	.05
40 lin.ft. 15 in. rein.-con. pipe	2.55	2.25	2.75	2.50
160 lin.ft. 18 in. rein. con. pipe	3.05	2.50	3.00	2.75
80 lin.ft. 24 in. rein. con. pipe	4.55	3.30	4.00	4.50
Totals	$38,484	$29,049	$29,294	$272,284

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